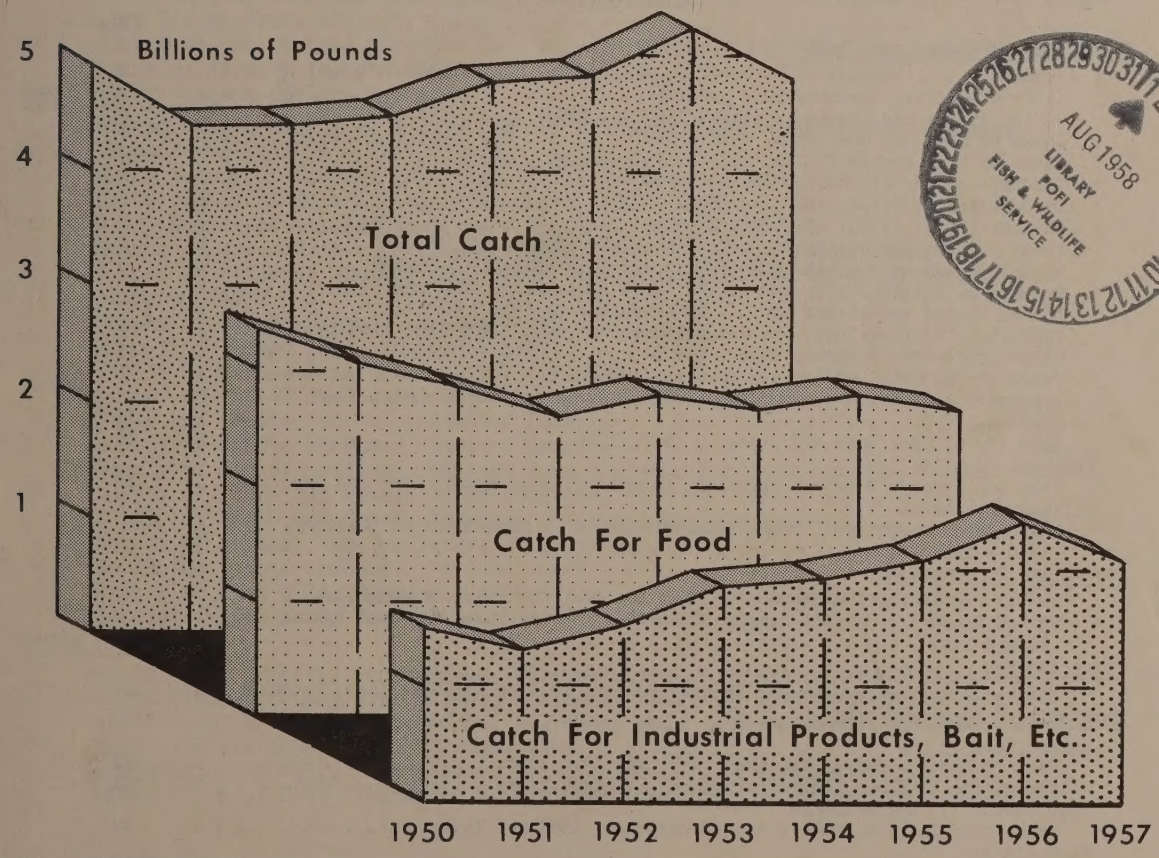
393 (Revised April 1958)

FISHERIES OF THE UNITED STATES AND ALASKA, 1957

A PRELIMINARY REVIEW

By E. A. Power

CATCH OF FISH AND SHELLFISH, 1950 - 1957



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United States Department of the Interior, Fred A. Seaton, Secretary
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Bureau of Commercial Fisheries, Donald L. McKernan, Director

Fishery Leaflet 393

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PACIFIC OCEANIC FISHERY INVESTIGATIONS
JUL 31 11 00 AM '58

FISHERIES OF THE UNITED STATES AND ALASKA, 1957

A PRELIMINARY REVIEW

By E. A. Power *

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*Chief, Branch of Statistics, Bureau of Commercial Fisheries

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The data and estimates used in this leaflet were prepared under the supervision of E. A. Power. The material was prepared for publication under the supervision of Frank Riley, Supervisory Fishery Marketing Specialist.

CATCH, UNITED STATES AND ALASKA

SUMMARY

The 1957 total catch of fishery products in the United States and Alaska amounted to approximately 4.75 billion pounds valued at 351 million dollars to the fishermen. Compared with the record catch (5.25 billion pounds valued at 369 million dollars) taken in 1956, the 1957 catch and value were down 10 percent and 5 percent respectively. Increases in the landings of sea herring, whiting, jack and Pacific mackerel, and Maine lobsters, as well as species landed at New England ports for bait, reduction, and animal food did not compensate for the sharply reduced landings of menhaden, tuna, and salmon, and decreases in the catches of shrimp, haddock, and Atlantic ocean perch.

Menhaden:--Total 1957 landings of menhaden amounted to nearly 1.7 billion pounds -- 35 percent of the total United States and Alaskan catch of fish and shellfish. However, this was 20 percent less than the 2.1 billion-pound record 1956 catch. Compared with the 1956 landings, the New England catch in 1957 (41 million pounds) was 48 percent less, the Middle Atlantic catch (812 million pounds) was 15 percent lower, the South Atlantic production (208 million pounds) declined 34 percent, and the Gulf catch (363 million pounds) was down 35 percent. The Chesapeake area with landings of 257 million pounds was the only region showing an increase in menhaden production. Landings in this region were 36 percent above those of the previous year.

The entire menhaden industry on the Atlantic and Gulf Coasts was plagued throughout the year by unpredictable factors which ruined early expectations of a new record production -- small fish with exceptionally low oil content, widely-dispersed schools of fish not readily lending themselves to massive catches in short periods of time, and violent storms in the South Atlantic and Gulf of Mexico were factors which contributed to the lower 1957 catch.

Tuna:--Landings during the year totaled 295.6 million pounds -- 10 percent less than those reported for 1956 and 24 percent below the 389.9 million-pound peak production of 1950. Albacore and bluefin were up slightly but skipjack and yellowfin were off 34 and 10.5 million pounds respectively. Labor and price difficulties continued to keep the tuna industry in a turmoil during the year. Increased imports made an already difficult domestic situation even worse. In an effort to move the fish promptly, keep the vessels fishing, and meet the competition from abroad, an association of tuna clipper owners began the auction system of selling fish from member craft. By the end of the year, about 45.4 million pounds had been sold in this manner.

Salmon:--The salmon catch slipped to 257.2 million pounds -- a 21 percent decline from the 324.2 million pounds reported for 1956 and 67 percent less than the record catch of 791 million pounds taken in 1936. Disappointment in the Alaskan production was general in all areas -- every species was substantially less than in the previous year. Although the Pacific Coast States landings were bolstered by the odd-year Puget Sound run of pink salmon, the run was considered poor and did not come up to expectations.

Sea Herring:--Production in Maine and Alaska totaled 153.6 and 118.3 million pounds respectively. Compared with 1956, Maine production was up 9 percent and the Alaska catch showed a 10 percent gain. Maine canners, processing these fish as sardines, produced inventories so large that some had to shut down earlier than originally planned. The Maine catch was 17 percent less than the record production of 185.5 million pounds taken in 1950. Even though the Alaskan catch, used almost entirely for reduction, was higher than that of 1956, it was still far below the record 261.4 million-pound production of 1937.

Shrimp:--Preliminary data indicate that the 1957 shrimp catch, taken mainly in waters off the South Atlantic and Gulf States and the Mexican Gulf Coast, amounted to 204.4 million pounds. Compared with 1956, this was a drop of 19.8 million pounds or nearly 9 percent. The 1957 catch was 24 percent below the 1954 peak production of 268.3 million pounds. Adverse weather reduced shrimping operations at various times during the year. Hurricanes dealt exceptionally heavy damage in the Texas and Louisiana areas. A shortage of white shrimp in the Central Gulf Area further limited production. During 1957 a convention between the United States and Cuba was proposed for the protection and use of the rich shrimp stocks on the Dry Tortugas grounds.

SUMMARY - Continued

Groundfish:--Groundfish and ocean perch landings, supporting the hard-pressed New England fillet industry, slipped 8 percent below the 368 million-pound total landed during the previous year. Although pollock receipts were 9 million pounds or 39 percent above those of the previous year, other important species declined in volume. Haddock and ocean perch catches (133.6 and 133.3 million pounds respectively in 1957) were off 12 percent each, cod landings (33.3 million pounds) were 5 percent lower, and white hake landings were down 8 thousand pounds or 12 percent.

The 1957 United States production of fillets from groundfish and ocean perch amounted to 96.7 million pounds. This was 35 percent below the 148.8 million-pound peak production of 1951. Imports of groundfish and ocean perch fillets increased to a record 141.3 million pounds in 1957 making up 59 percent of the total domestic supply of these fillets.

Pacific and Jack Mackerel:--Landings of Pacific and jack mackerel increased in 1957 when a combined total of 141.5 million pounds was reported -- 12 percent more than the amount taken during the previous year. The continued failure of the California sardine fishery diverted more craft into the mackerel fishery. This factor, combined with the abundance of mackerel was responsible for the higher production. The Pacific mackerel catch amounted to 55.2 million pounds -- a 10 percent increase compared with 1956. The record production of this species occurred in 1935 when 146.4 million pounds were landed. The 1957 catch of jack mackerel totaled 86.3 million pounds -- 14 percent greater than the previous year's production, but still far below the record 146.5 million pounds taken in 1952.

Pacific Sardines:--The Pacific sardine production in California continued its downward slide which began in 1952. Both fishermen and canners were hopeful that the once-plentiful supplies of these fish would return. Legislation passed by the State advanced the 1957 Southern California sardine season to September 1 -- a month early. However, due to differences over prices, there was no fishing for the Southern California fleet until well into November. The 1957 catch amounted to a scant 40.6 million pounds. This production was 42 percent below that of 1956 and approached the low catch of less than 10 million pounds in 1953. California sardine receipts in 1957 amounted to less than 3 percent of the peak 1936 catch of 1.5 billion pounds.

Halibut:--Receipts of halibut at West Coast ports during 1957 (48.1 million pounds) declined 13 percent below those of the previous year. In an effort to spread the season out as much as possible, a voluntary curtailment plan was instituted by the fishing fleet requiring an eight-day lay-over period between trips. During the first two months of the season, landings at Seattle were nearly double those of 1956 for the same period. However, labor-management difficulties drastically limited landings during the remainder of the season.

Leading Ports:--San Pedro, California, which has been the leading port from the standpoint of volume landed in recent years, retained its number one spot in 1957. Landings at the San Pedro docks, consisting primarily of tuna and mackerel, amounted to 354.4 million pounds with a value of 25.4 million dollars to the fishermen. This catch was, however, far below the record 1950 receipts at this port when 848.2 million pounds valued at 38 million dollars were landed. Lewes, Delaware, an industrial fish port, occupied second place with landings of 286.2 million pounds. Practically all of these receipts consisted of menhaden which were processed into meal, oil, and solubles.

Among the ports which handle foodfish species, Gloucester, Massachusetts, was second to San Pedro. Gloucester landings, consisting mainly of ocean perch and whiting, totaled 248.9 million pounds valued at 7 million dollars to the fishermen. Boston, the second of Massachusetts' large seafood ports, reported landings amounting to 135.1 million pounds valued at 11.2 million dollars. These receipts were mostly haddock, cod, and pollock. San Diego, California, famous as a tuna port and the home port of most of the tuna clipper fleet, trailed Boston in quantity landed but led the eastern seaport in the value of the receipts. Landings at San Diego totaled 124.2 million pounds valued at 15.9 million dollars. New Bedford, the nation's leading sea scallop and flounder port, was credited with 104.3 million pounds valued at 13.1 million dollars. Portland and Rockland, Maine, principally ocean perch and sea herring ports, reported landings of 59.1 and 41.9 million pounds respectively. Astoria Oregon, one of the nation's important salmon and Dungeness crab ports, recorded landings of 34.8 million pounds.

Among the ports tending to specialize in industrial fish, Reedville, Virginia was a close second to Lewes, Delaware with 256.8 million pounds -- almost entirely menhaden. The Beaufort-Morehead City area of North Carolina ranked fifth in volume landed with 145 million pounds, principally menhaden and shrimp.

CATCH, UNITED STATES AND ALASKA - Continued

CATCH OF CERTAIN SPECIES, 1957 AND 1956

Species	1957 1/		1956		Record Production	
	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Year	Thousand Pounds
Fish						
Anchovies	43,800	500	56,892	721	1953	86,044
Cod, Atlantic	33,300	2,100	35,127	2,225	1880	307,583
Flounders, New England and Middle Atlantic States	63,700	7,800	59,766	7,438	1942	92,238
Haddock	133,600	10,200	152,246	9,587	1929	293,809
Hake, white	5,700	300	6,466	294	1898	39,918
Halibut, Pacific	48,100	6,100	55,159	9,013	1915	66,707
Herring, sea:						
Alaska	118,300	1,500	107,458	1,326	1937	261,400
Maine	153,600	2,300	140,472	2,299	1950	185,481
Mackerel:						
Jack	86,300	1,800	75,762	1,532	1952	146,522
Pacific	55,200	1,200	50,013	1,066	1935	146,427
Menhaden	1,681,600	22,100	2,097,239	28,425	1956	2,097,239
Ocean perch, Atlantic	133,300	5,100	151,113	5,723	1951	258,320
Pollock	32,000	800	23,023	702	1938	40,694
Salmon	257,200	39,300	324,249	46,220	1936	790,924
Sardine, Pacific	40,600	1,100	69,554	1,674	1936	1,502,299
Tuna, Pacific:						
Albacore	46,000	7,800	41,338	7,082	1950	72,414
Bluefin	19,500	2,500	12,626	1,650	1935	25,173
Skipjack	89,700	9,900	123,717	14,189	1954	153,756
Yellowfin	140,400	18,200	150,923	20,369	1948	199,427
Total	295,600	38,400	328,604	43,290	1950	389,853
Whiting	132,800	2,500	93,923	1,683	1957	132,800
Shellfish						
Crabs, Dungeness, Pacific Coast States	40,600	4,200	31,738	3,780	1957	40,600
Lobsters, Maine	24,400	9,000	20,572	9,120	1889	25,002
Oysters:						
Eastern 2/	42,000	16,600	45,224	18,275	(3)	(3)
Pacific, Washington	9,900	1,900	10,579	2,455	1946	13,230
Western, Washington	16	44	26	65	1892	1,979
Scallops, sea	20,900	10,100	20,066	10,822	1953	23,618
Shrimp:						
South Atlantic States	28,500	9,100	25,518	7,806		
Gulf States	167,700	64,100	193,621	62,499	1954	268,334
Pacific Coast States and Alaska	8,200	800	5,016	570		
Squid, California	19,500	300	19,484	337	1946	38,024
Other Fish, Shellfish, & etc.	1,073,584	91,756	1,053,093	90,071	-	-
Grand Total	4,750,000	351,000	5,252,003	369,018	-	-

1/ Preliminary.
2/ Exclusive of Connecticut, Delaware, Maryland, and California.
3/ Data not available.

CATCH, UNITED STATES AND ALASKA - Continued

CURRENT LANDING STATISTICS, 1957

There has been a large increase in recent years in the current collection of information on the landings of fishery products in the United States and Alaska. Since 1945 the number of monthly State landings bulletins released by the Bureau in cooperation with various State fishery agencies has increased from one to fifteen. In addition to these bulletins, statistics on the production of menhaden and Alaska herring are obtained for the monthly meal and oil bulletin and on the pack of canned salmon in Alaska for the weekly Alaska salmon pack reports. Data on only 9 percent of the total domestic catch were not collected on a current basis in 1957. Although the data have been shown in as far as possible on a round weight basis, in some instances they represent landed weight.

UNITED STATES AND ALASKA LANDINGS, 1957 AND 1956

Area	1957 1/		1956	
	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Maine:				
Portland	59,100	2,100	58,485	1,886
Rockland	41,900	1,400	33,308	1,294
Other ports	188,900	13,300	186,568	13,808
Massachusetts:				
Boston	135,100	11,200	147,402	10,545
Gloucester	248,900	7,000	252,038	7,442
New Bedford	104,300	13,100	87,965	12,291
Other ports	53,400	2,700	47,717	2,422
Rhode Island	141,100	4,500	140,439	4,645
New York 2/	40,200	7,300	38,268	7,650
New Jersey 2/	50,500	7,100	50,263	8,221
North Carolina	237,200	7,900	300,718	8,115
South Carolina	24,300	2,800	18,057	2,453
Georgia	18,700	3,500	17,364	3,125
Florida	156,000	29,100	215,717	30,809
Alabama	11,700	2,600	12,320	2,887
Mississippi	200,400	5,300	232,940	6,641
Louisiana	206,000	17,900	408,660	25,358
Texas	141,500	34,400	138,260	25,910
Ohio	22,800	2,500	26,085	3,518
Washington	142,600	19,900	126,501	19,303
Oregon	56,700	6,000	61,309	7,785
California:				
San Diego	124,200	15,900	133,674	17,692
San Pedro	354,400	25,400	381,014	28,243
Other ports	145,400	10,700	159,857	11,787
Alaska:				
Halibut	27,600	4,100	33,076	4,804
Herring	118,300	1,500	107,458	1,326
Salmon	194,700	24,300	269,898	29,752
New York, New Jersey, Delaware, Maryland, and Virginia:				
Menhaden	1,070,500	13,500	1,143,990	15,100
Total	4,316,400	297,000	4,829,351	314,812
Other	433,600	54,000	422,652	54,206
Grand Total	4,750,000	351,000	5,252,003	369,018

1/ Preliminary.

2/ Excluding menhaden.

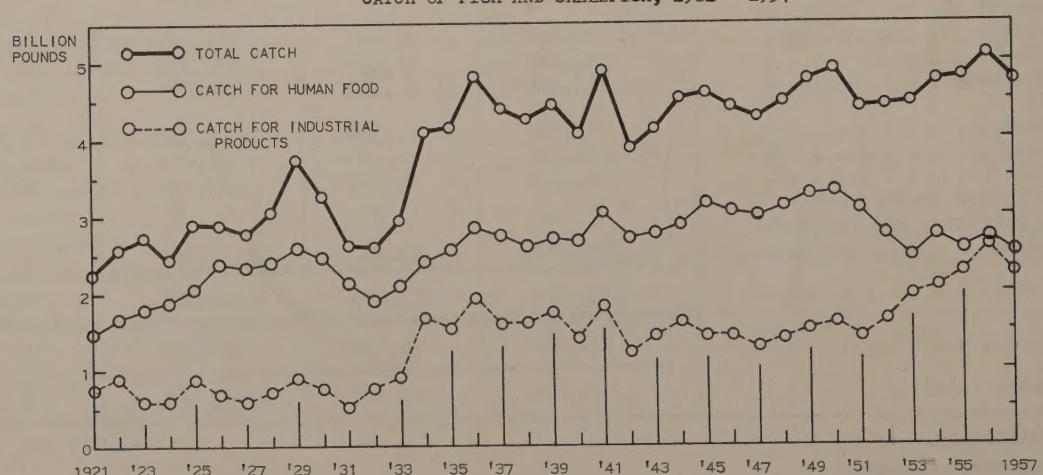
CATCH, UNITED STATES AND ALASKA - Continued

CATCH OF FISH AND SHELLFISH, 1921 - 1957

Year	Catch for Human Food	Catch for 1/ Industrial Products	Total Landings		Average Price per Pound
	Million Pounds	Million Pounds	Million Pounds	Million Dollars	Cents
1921	1,451	804	2,255	(2)	(2)
1922	1,677	942	2,619	(2)	(2)
1923	1,807	919	2,726	(2)	(2)
1924	1,874	587	2,461	(2)	(2)
1925	2,029	862	2,891	(2)	(2)
1926	2,198	673	2,871	(2)	(2)
1927	2,172	634	2,806	(2)	(2)
1928	2,370	691	3,061	(2)	(2)
1929	2,601	890	3,491	(2)	(2)
1930	2,478	746	3,224	109	3.39
1931	2,129	501	2,630	77	2.94
1932	1,864	748	2,612	56	2.13
1933	2,086	911	2,997	(2)	(2)
1934	2,434	1,670	4,104	(2)	(2)
1935	2,583	1,552	4,135	(2)	(2)
1936	2,854	1,972	4,826	(2)	(2)
1937	2,703	1,650	4,353	101	2.32
1938	2,639	1,615	4,254	94	2.20
1939	2,713	1,732	4,445	97	2.17
1940	2,674	1,385	4,059	99	2.44
1941	3,062	1,838	4,900	129	2.63
1942	2,683	1,192	3,875	170	4.40
1943	2,737	1,425	4,162	204	4.90
1944	2,865	1,668	4,533	213	4.70
1945	3,167	1,431	4,598	270	5.87
1946	3,038	1,418	4,456	310	6.96
1947	3,008	1,329	4,337	308	7.09
1948	3,132	1,367	4,499	367	8.16
1949	3,290	1,499	4,789	339	7.08
1950	*3,291	1,594	4,885	344	7.04
1951	3,029	1,385	4,414	361	*8.17
1952	2,764	1,654	4,418	360	8.15
1953	2,500	1,968	4,468	352	7.88
1954	2,685	2,057	4,742	356	7.51
1955	2,564	2,230	4,794	336	7.01
1956	2,674	*2,578	*5,252	*369	7.03
1957 3/	2,520	2,230	4,750	351	7.39

1/ Manufactured into meal, oil, fish solubles, homogenized condensed fish, shell products, and used as bait and animal food. 2/ Not available. 3/ Preliminary. * Record.

CATCH OF FISH AND SHELLFISH, 1921 - 1957



CATCH, UNITED STATES AND ALASKA - Continued

LANDINGS AT CERTAIN UNITED STATES PORTS, 1957 1/

Port	Thousand Pounds	Thousand Dollars	Important Species
San Pedro, California.	354,400	25,440	Tuna, mackerel
Lewes, Delaware.	286,224	(2)	Menhaden
Reedville, Virginia.	256,766	(2)	Menhaden
Gloucester, Massachusetts. . .	248,928	7,024	Ocean perch, whiting
Beaufort-Morehead City, N. C.	145,000	(2)	Menhaden, shrimp
Boston, Massachusetts.	135,072	11,177	Haddock, cod, pollock
San Diego, California.	124,246	15,909	Tuna
New Bedford, Massachusetts . .	104,334	13,059	Flounders, sea scallops
Portland, Maine.	59,098	2,064	Ocean perch, herring
Rockland, Maine.	41,946	1,433	Ocean perch, herring
Astoria, Oregon.	34,803	(2)	Salmon, crabs, bottom fish

1/ Preliminary. 2/ Not available

Note:--The largest landings made at a United States port occurred in 1950 when 848,235,000 pounds of fish and shellfish were landed in the San Pedro area. This catch was valued at $38,050,146 which was likewise the greatest value ever received by fishermen for a catch landed at a United States fishing port in a single year.

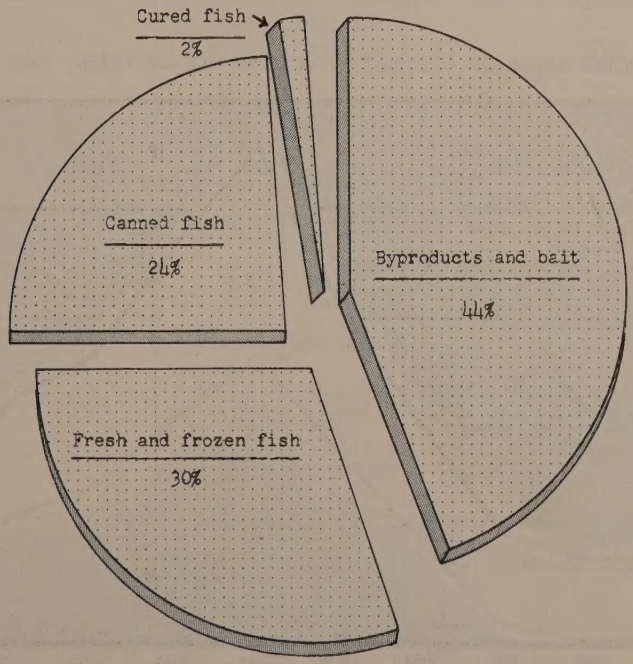
DISPOSITION OF CATCH, 1957 AND 1956

(Round Weight)

End Use	1957 1/		1956	
	Million Pounds	Percent	Million Pounds	Percent
Fresh and frozen fish.	1,428	30	1,526	29
Canned fish.	1,130	24	1,202	23
Cured fish	88	2	87	2
Byproducts and bait.	2,104	44	2,437	46
Total	4,750	100	5,252	100

1/ Preliminary.

DISPOSITION OF CATCH, 1957



CATCH, UNITED STATES AND ALASKA - Continued

CATCH BY MONTHS

There is considerable variation in the catch of fish thoughout the year, with the greatest landings of most species occuring in the summer months. Nearly 50 percent of the annual landings in 1957 were made during the three-month period from June to August, inclusive. Sources from which data on current landings are obtained are shown in Fishery Leaflet 432, entitled "Fishery Statistical Publications of the Fish and Wildlife Service," which is available free upon request from the Office of Information, U. S. Fish and Wildlife Service, Washington 25, D. C.

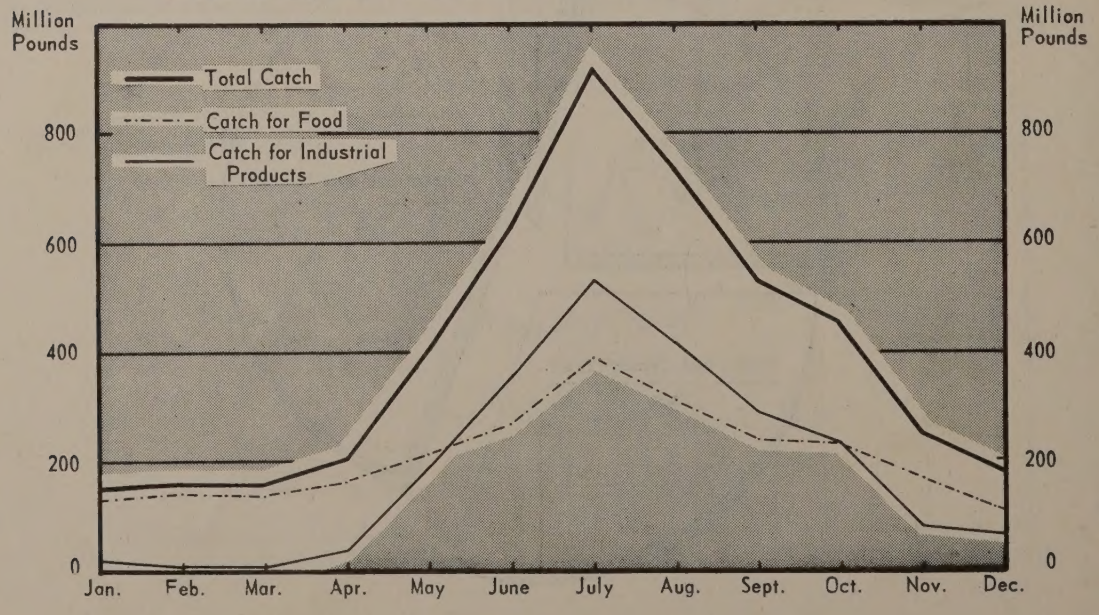
MONTHLY CATCH AND UTILIZATION OF FISH AND SHELLFISH, 1957

(Round Weight)

Month	Catch for Human Food		Catch for Industrial Products 1/		Total Landings	
	Million Pounds	Percent	Million Pounds	Percent	Million Pounds	Percent
January	133.6	5.3	15.6	.7	149.2	3.1
February	146.2	5.8	6.7	.3	152.9	3.2
March	143.6	5.7	8.9	.4	152.5	3.2
April	161.3	6.4	40.1	1.8	201.4	4.3
May	211.7	8.4	196.2	8.8	407.9	8.6
June	269.6	10.7	356.9	16.0	626.5	13.2
July	388.1	15.4	528.5	23.7	916.6	19.3
August	315.0	12.5	414.8	18.6	729.8	15.4
September	241.9	9.6	285.4	12.8	527.3	11.1
October	226.8	9.0	227.5	10.2	454.3	9.6
November	168.8	6.7	80.3	3.6	249.1	5.2
December	113.4	4.5	69.1	3.1	182.5	3.8
Total	2,520.0	100.0	2,230.0	100.0	4,750.0	100.0

1/ Manufactured into meal, oil, fish solubles, homogenized condensed fish, shell products, and used as bait and animal food.

MONTHLY CATCH AND UTILIZATION OF FISH AND SHELLFISH, 1957



CATCH, UNITED STATES AND ALASKA - Continued

CATCH BY AREAS AND STATES

During 1956 the State of California led all other areas in the production and value of fishery products as total landings amounted to 674.5 million pounds valued at 57.7 million dollars to the fishermen. Landings at Massachusetts ports (575.3 million pounds valued at 36.2 million dollars) were second in quantity but third in value. Alaska (428.1 million pounds valued at 37.7 million dollars) followed Massachusetts in poundage but was second only to California in value. The catch landed at ports on the Atlantic Coast amounted to 56 percent of the United States and Alaska total. Gulf States accounted for 17 percent; the Pacific Coast States, 16 percent; Alaska, 8 percent; and the Great Lakes and Mississippi River areas, 3 percent.

SUMMARY OF UNITED STATES AND ALASKA CATCH - BY AREAS, 1956 AND 1955

Area	1956		1955	
	Thousand Pounds	Percent of Total	Thousand Pounds	Percent of Total
Atlantic Coast States	2,890,304	55	2,669,296	56
Gulf States	899,774	17	829,638	17
Pacific Coast States	862,355	17	800,104	17
Alaska	428,146	8	315,323	6
Great Lakes and Mississippi River	171,424	3	179,920	4
Total	5,252,003	100	4,794,281	100

UNITED STATES AND ALASKA CATCH - BY AREAS AND STATES, 1956

Area and State	Catch		Principal Species in Order of Volume
	Thousand Pounds	Thousand Dollars	
NEW ENGLAND			
Maine:			
Fish	253,450	6,050	Sea herring, ocean perch, whiting
Shellfish, etc.	26,112	10,916	Northern lobsters, clams
Total	279,562	16,966	
New Hampshire:			
Fish	62	26	Smelt
Shellfish, etc.	786	356	Northern lobsters
Total	848	382	
Massachusetts:			
Fish	550,478	24,295	Haddock, ocean perch, whiting
Shellfish, etc.	24,854	11,887	Sea scallops, northern lobsters, clams
Total	575,332	36,182	
Rhode Island:			
Fish	135,127	2,625	Industrial Fish (Red Hake, whiting, etc.) Menhaden, flounders
Shellfish	6,182	2,127	Clams, northern lobsters
Total	141,309	4,752	

(Continued on next page)

CATCH, UNITED STATES AND ALASKA - Continued

UNITED STATES AND ALASKA CATCH - BY AREAS AND STATES, 1956 - CONTINUED

Area and State	Catch		Principal Species in Order of Volume
	Thousand Pounds	Thousand Dollars	
NEW ENGLAND - Continued			
Connecticut:			
Fish.	17,454	555	Industrial Fish (whiting, red hake, etc.) Flounders
Shellfish	741	436	Oysters, northern lobsters
Total	18,195	991	
Total New England States	1,015,246	59,273	
MIDDLE ATLANTIC			
New York:			
Fish.	142,358	4,210	Menhaden, scup or porgy, flounders
Shellfish	11,206	5,154	Clams, sea scallops, oysters
Total	153,564	9,364	
New Jersey:			
Fish.	516,825	8,952	Menhaden, flounders, scup or porgy
Shellfish, etc.	23,235	6,301	Clams, oysters
Total , ...	540,060	15,253	
Delaware:			
Fish.	354,468	4,736	Menhaden
Shellfish	6,346	1,470	Crabs, oysters
Total	360,814	6,206	
Total Middle Atlantic States	1,054,438	30,823	
CHESAPEAKE			
Maryland:			
Fish.	18,180	1,701	Alewives, striped bass, shad
Shellfish, etc.	43,826	11,800	Crabs, oysters, clams
Total	62,006	13,501	
Virginia:			
Fish.	264,301	6,770	Menhaden, alewives, scup or porgy
Shellfish, etc.	50,051	12,501	Crabs, oysters
Total	314,352	19,271	
Total Chesapeake States	376,358	32,772	
SOUTH ATLANTIC			
North Carolina:			
Fish.	284,548	5,414	Menhaden, Alewives
Shellfish, etc.	16,170	2,701	Crabs, Shrimp, oysters
Total	300,718	8,115	
South Carolina:			
Fish.	8,377	522	Spot, mullet
Shellfish, etc.	9,680	1,931	Shrimp, oysters, crabs
Total	18,057	2,453	

(Continued on next page)

CATCH, UNITED STATES AND ALASKA - Continued

UNITED STATES AND ALASKA CATCH - BY AREAS AND STATES, 1956 - CONTINUED

Area and State	Catch		Principal Species in Order of Volume
	Thousand Pounds	Thousand Dollars	
SOUTH ATLANTIC - Continued			
Georgia:			
Fish.	703	104	King whiting, shad
Shellfish, etc.	16,661	3,021	Crabs, shrimp
Total	17,364	3,125	
Florida, East Coast:			
Fish.	93,542	3,465	Menhaden, catfish and bullheads, spanish mackerel
Shellfish, etc.	14,581	2,762	Crabs, shrimp
Total	108,123	6,227	
Total South Atlantic States	444,262	19,920	
Total Atlantic Coast States	2,890,304	142,788	
GULF			
Florida, West Coast:			
Fish.	50,973	5,577	Mullet, groupers, red snapper
Shellfish, etc.	56,621	19,005	Shrimp, crabs
Total	107,594	24,582	
Alabama:			
Fish.	3,158	454	Mullet, red snapper
Shellfish	9,162	2,433	Shrimp, oysters, crabs
Total	12,320	2,887	
Mississippi:			
Fish.	219,197	3,615	Menhaden, croaker
Shellfish	13,743	3,026	Shrimp, crabs
Total	232,940	6,641	
Louisiana:			
Fish.	327,444	6,044	Menhaden
Shellfish, etc.	81,216	19,314	Shrimp, oysters, and crabs
Total	408,660	25,358	
Texas:			
Fish.	71,943	1,954	Menhaden, black drum, red snapper
Shellfish	66,317	23,956	Shrimp
Total	138,260	25,910	
Total Gulf States . . .	899,774	85,378	
PACIFIC			
Washington:			
Fish.	106,244	15,495	Salmon, halibut, "sole"
Shellfish	20,257	3,808	Oysters, crabs
Total	126,501	19,303	

(Continued on next page)

CATCH, UNITED STATES AND ALASKA - Continued

UNITED STATES AND ALASKA CATCH - BY AREAS AND STATES, 1956 - CONTINUED

Area and State	Catch		Principal Species in Order of Volume
	Thousand Pound	Thousand Dollars	
PACIFIC - Continued			
Oregon:			
Fish.	52,027	6,657	Salmon, "sole"
Shellfish	9,282	1,128	Crabs
Total	61,309	7,785	
California:			
Fish.	631,406	53,991	Tuna & tunalike, jack mackerel, Pacific sardine
Shellfish	38,091	3,365	Squid, crabs
Whale products	5,048	366	Oil, meal, meat
Total	674,545	57,722	
Total Pacific Coast States	862,355	84,810	
LAKES			
New York, fish.	1,347	209	Blue pike, yellow perch
Pennsylvania, fish.	2,135	429	Blue pike, yellow perch
Ohio, fish.	26,085	3,518	Yellow perch, yellow pike, blue pike
Michigan, fish.	24,636	2,975	Lake herring, smelt, chubs, carp
Indiana, fish	8	2	Yellow perch
Illinois, fish.	1,567	265	Chubs
Wisconsin:			
Fish.	20,443	2,458	Lake herring, chubs, yellow perch
Shellfish	1	(1)	Crawfish
Total	20,444	2,458	
Minnesota, fish	4,423	308	Lake herring, tullibee
Total Lakes States	80,645	10,164	
MISSISSIPPI RIVER			
Alabama:			
Fish.	3,048	539	Catfish and bullheads
Shellfish	9,410	248	Mussel shells
Total	12,458	787	
Arkansas:			
Fish.	5,096	536	Buffalofish, catfish and bullheads
Shellfish, etc.	3,250	159	Mussel shells
Total	8,346	695	
Illinois:			
Fish.	6,981	704	Carp, buffalofish
Shellfish	57	2	Mussel shells
Total	7,038	706	

(Continued on next page)

CATCH, UNITED STATES AND ALASKA - Continued

UNITED STATES AND ALASKA CATCH - BY AREAS AND STATES, 1956 - CONTINUED

Area and State	Catch		Principal Species in Order of Volume
	Thousand Pounds	Thousand Dollars	
MISSISSIPPI RIVER - Continued			
Indiana, shellfish	1,018	24	Mussel shells
Iowa, fish	3,216	323	Carp, Buffalofish
Kansas, fish	115	20	Carp, Buffalofish
Kentucky:			
Fish	3,663	604	Catfish and bullheads, buffalofish, carp
Shellfish	4,158	113	Mussel shells
Total	7,821	717	
Louisiana:			
Fish	7,096	1,130	Buffalofish, catfish and bullheads, Sheepshead
Shellfish, etc	381	161	Crawfish, turtles
Total	7,477	1,291	
Minnesota, fish	12,751	1,048	Carp, catfish and bullheads, buffalofish
Mississippi:			
Fish	3,220	412	Buffalofish, carp
Shellfish, etc.	5	11	Turtles
Total	3,225	423	
Missouri, fish	315	45	Carp, buffalofish
Montana, fish	14	1	Buffalofish
Nebraska, fish	268	26	Carp, catfish and bullheads, buffalofish
North Dakota, fish	893	58	Catfish and bullheads
Oklahoma, fish	984	130	Buffalofish, carp
South Dakota, fish	2,881	147	Carp, catfish and bullheads
Tennessee:			
Fish	6,263	997	Catfish and bullheads, buffalofish, carp
Shellfish, etc.	4,282	132	Mussel shells
Total	10,545	1,129	
Texas, fish	1,103	127	Buffalofish, carp
Wisconsin:			
Fish	10,308	442	Carp, sheepshead
Shellfish, etc.	3	(1)	Turtles
Total	10,311	442	
Total Mississippi River	90,779	8,139	
ALASKA			
Southeastern:			
Fish	176,214	15,547	Salmon, herring, halibut
Shellfish	4,603	537	Shrimp, crabs
Total	180,817	16,084	

(Continued on next page)

CATCH, UNITED STATES AND ALASKA - Continued

UNITED STATES AND ALASKA CATCH - BY AREAS AND STATES, 1956 - CONTINUED

Area and State	Catch		Principal Species in Order of Volume
	Thousand Pounds	Thousand Dollars	
ALASKA - Continued			
Central:			
Fish.	165,466	11,224	Salmon, herring, halibut
Shellfish	8,418	922	Shrimp, crabs
Total	173,884	12,146	
Western:			
Fish.	71,549	9,301	Salmon
Shellfish	1,896	208	Crabs
Total	73,445	9,509	
Total Alaska.	428,146	37,739	
TOTAL, UNITED STATES AND ALASKA			
Fish.	4,664,353	216,737	
Shellfish, etc.	582,602	151,915	
Whale Products.	5,048	366	
Grand Total	5,252,003	369,018	

1/ Less than 500 pounds or dollars.

EMPLOYMENT, FISHING CRAFT, AND ESTABLISHMENTS, 1957, 1950, 1940, AND 1930

Item	1957	1950	1940	1930
	Number	Number	Number	Number
Persons employed:				
Direct:				
Fishermen	142,000	161,463	124,795	119,716
Transporters.	3,300	4,916	3,955	4,501
Shore workers	100,000	102,015	90,215	78,996
Indirect:				
Allied industries (gear, manufacture, boat building, processing equipment, etc.).	310,000	300,000	210,000	200,000
Total	555,300	568,394	428,965	403,213
Craft utilized:				
Fishing:				
Vessels (5 net tons and over)	12,000	11,496	5,562	4,374
Motor boats	58,000	46,067	31,055	35,437
Other boats	12,000	34,747	35,193	37,961
Transporting:				
Vessels (5 net tons and over)	1,150	1,313	1,325	1,419
Motor boats	900	827	726	1,363
Total	84,050	94,450	73,861	80,554
Vessels documented for fishing for the first time during the year	601	812	320	(1)
Fishery shore establishments:				
Alaska.	160	216	228	260
Pacific Coast States.	410	484	351	309
Atlantic Coast and Gulf States.	2,975	2,699	2,038	2,024
Great Lakes and Mississippi River States	680	484	438	402
Total	4,225	3,883	3,055	2,995

1/ Not available.

CATCH OF CERTAIN SPECIES, 1956

Species	Thousand Pounds	Percent of Total	Record Year	Record Catch through 1956
				Thousand Pounds
Menhaden	2,097,239	39.9	1956	2,097,239
Tuna and tunalike fishes, Pacific	328,732	6.3	1950	390,547
Salmon	324,249	6.2	1936	790,924
Herring, sea	257,631	4.9	1950	363,765
Shrimp	224,173	4.3	1954	268,334
Haddock	152,246	2.9	1929	293,809
Ocean perch, Atlantic	151,113	2.9	1951	258,320
Crabs	143,399	2.7	1950	159,278
Flounders	115,306	2.2	1948	138,924
Whiting	93,923	1.8	1951	120,076
Jack mackerel	75,762	1.4	1952	146,522
Oysters	75,134	1.4	1/ 1908	152,046
Sardine, Pacific	69,554	1.3	1936	1,502,299
Anchovies	56,892	1.1	1953	86,044
Croaker	56,831	1.1	1945	62,177
Halibut, Pacific	55,159	1.0	1915	66,706
Alewives	53,517	1.0	1908	88,053
Cod:				
Atlantic	35,127	.7	1860	307,583
Pacific	9,825	.2	1915	32,681
Total	44,952	.9	-	-
Other	876,191	16.7	-	-
Total	5,252,003	100.0	-	-

1/ First year in which an oyster survey was made in all regions.

VALUE OF THE CATCH OF CERTAIN SPECIES, 1956

Species	Thousand Dollars	Percent of Total	Record Year	Record Value through 1956
				Thousand Dollars
Shrimp	70,894	19.2	1953	76,641
Salmon	46,220	12.5	1951	52,509
Tuna and tunalike fishes, Pacific	43,297	11.7	1950	61,283
Oysters	30,884	8.4	1954	32,796
Menhaden	28,425	7.7	1956	28,425
Lobsters, Northern	11,908	3.2	1956	11,908
Crabs	11,721	3.2	1946	12,678
Flounders	10,902	3.0	1951	13,253
Scallops, sea	10,822	2.9	1955	11,449
Clams	10,736	2.9	1952	11,700
Haddock	9,587	2.6	1946	13,043
Halibut, Pacific	9,013	2.5	1956	9,013
Catfish and bullheads	5,992	1.6	1952	6,411
Ocean perch, Atlantic	5,723	1.6	1951	12,597
Herring, sea	3,824	1.0	1948	5,832
Cod	2,611	.7	1948	5,075
Mullet	2,538	.7	1945	4,647
Other	53,921	14.6	-	-
Total	369,018	100.0	-	-

CATCH, UNITED STATES AND ALASKA - Continued

DOMESTIC CATCH FROM WATERS OFF THE UNITED STATES AND ON THE HIGH SEAS OFF FOREIGN COASTS, 1957

Area and Species	Waters off U.S. Coast	High Seas off Foreign Coasts	Total
	Thousand Pounds	Thousand Pounds	Thousand Pounds
Atlantic and Gulf States:			
New England:			
Cod	30,402	2,898	33,300
Flounders	51,513	1,907	53,420
Haddock	117,129	16,471	133,600
Hake, white	5,450	250	5,700
Halibut	203	127	330
Ocean perch	40,178	93,122	133,300
Pollock	30,125	1,875	32,000
Whiting	126,137	3	126,140
Wolffish	871	299	1,170
Other	471,799	151	471,950
Total	873,807	117,103	990,910
Middle Atlantic, Chesapeake, and South Atlantic States, unclassified	1,683,630	-	1,683,630
Gulf:			
Red snapper	4,540	4,360	8,900
Shrimp	124,843	42,857	167,700
Other	487,620	-	487,620
Total	617,003	47,217	664,220
Total Atlantic and Gulf States	3,174,440	164,320	3,338,760
Pacific Coast States and Alaska:			
Washington, Oregon, and Alaska:			
Botton fish 1/	49,481	22,769	72,250
Halibut	44,337	3,763	48,100
Salmon	246,289	4,411	250,700
Crabs	35,300	-	35,300
Other	119,903	5,937	125,840
Total	495,310	36,880	532,190
California:			
Jack mackerel	86,300	-	86,300
Pacific mackerel	55,200	(2)	55,200
Tuna	13,137	278,813	291,950
Bonito	5	115	120
Yellowtail	14	436	450
Sardines, Pacific	40,580	-	40,580
Other	150,709	2,761	153,470
Total	345,945	282,125	628,070
Total Pacific Coast States and Alaska	841,255	319,005	1,160,260
Great Lakes and Mississippi River States	250,980	-	250,980
Grand Total	4,266,675	483,325	4,750,000

1/ Principally flounders, cod, Pacific ocean perch, rockfishes, and lingcod.

2/ Less than 500 pounds.

CATCH, UNITED STATES AND ALASKA - Continued

QUANTITY OF GEAR USED AND CATCH BY GEAR, 1956

Type of Gear	Number of Gear	Catch		Principal Species Taken
		Thousand Pounds	Percent of Total	
Purse seines 1/. .	2,372	2,600,152	50	Menhaden, Pacific sardine, mackerel, salmon, tuna, herring
Otter trawls . . .	9,174	1,155,131	22	Groundfish, shrimp
Lines 2/	13,752,471	452,902	9	Tuna, crabs, halibut, salmon
Gill nets.	27,939	222,296	4	Salmon, lake fish, mullet
Pound nets	5,091	183,184	3	Salmon, alewives
Pots and traps . .	1,040,110	132,405	2	Crabs, lobsters, sea bass
Dredges.	6,379	106,268	2	Oysters, crabs, clams, scallops
Haul seines. . . .	1,793	88,117	2	Carp, mullet, spot, croaker, buffalofish, menhaden
Stop seines. . . .	92	107,646	2	Herring
Other.	-	203,902	4	-
Total	-	5,252,003	100	-

1/ Includes the production of fish taken by ring and lampara nets in California.

2/ Hooks and baits.

FUR SEALS

TAKE AND AVERAGE VALUE OF PRIBILOF ISLANDS FUR-SEAL SKINS, 1957 AND 1956

1957		1956	
Take of Skins	Average Value at Fall Auction	Take of Skins	Average Value at Fall Auction
93,618	$68.90	122,826	$100.96

MILITARY PURCHASES

PURCHASES OF FRESH AND FROZEN FISHERY PRODUCTS BY DEPARTMENT OF THE ARMY, 1950-1957

Year	Thousand Pounds	Thousand Dollars
1950	17,884	7,399
1951	31,844	13,771
1952	32,276	15,050
1953	26,769	11,857
1954	25,290	10,395
1955	24,989	10,929
1956	26,610	13,413
1957	23,452	12,080

Note:-Purchases by the Department of the Army were for the military feeding of the United States Army, Navy, Marine Corps, and Air Force. In addition to the purchases indicated, the Armed Forces generally make some local purchases for which data are not available. Purchases in foreign countries for United States Armed Forces are not included in the above data.

PER CAPITA CONSUMPTION

The per capita consumption of fish and shellfish in the United States amounted to 10.2 pounds (edible weight) in 1957 -- the same as in 1956. Consumption of fresh and frozen fish increased slightly in 1957 while that of canned products registered a slight decrease. Consumption of cured products during 1956 is estimated to have been .6 pounds per capita -- the same as in the previous year.

ANNUAL PER CAPITA CONSUMPTION OF FISH AND SHELLFISH (EDIBLE WEIGHT)

Item	1957 1/	1956 2/
	Pounds	Pounds
Fish and Shellfish:		
Fresh and frozen.	5.8	5.7
Canned.	3.8	3.9
Cured	.6	.6
Total.	10.2	10.2

1/ Preliminary.

2/ Revised.

UNITED STATES PER CAPITA SUPPLY OF CERTAIN FISHERY ITEMS, VARIOUS YEARS, 1936 - 1957

(Pounds of edible meat)

Year	Mackerel, Pacific and Jack	Salmon	Sardines, 1/ Pacific and Maine	Tuna 2/	Groundfish and Ocean Perch Fillets and Blocks 3/	Shrimp 4/
	Canned	Canned	Canned	Canned	Fresh and Frozen	All Preparations
1936	0.43	3.07	1.26	0.45	0.74	0.35
1937	0.29	2.43	1.16	0.50	0.74	0.45
1938	5/ 0.33	2.33	0.81	0.49	0.77	0.45
1939	5/ 0.30	1.89	1.29	0.62	0.79	0.48
1940	5/ 0.48	1.61	0.77	0.61	0.81	0.52
1946	5/ 0.24	1.19	1.04	0.69	1.14	0.76
1947	5/ 0.47	1.47	0.65	0.79	1.14	0.69
1948	5/ 0.32	1.58	1.35	0.90	1.26	0.69
1949	0.26	1.72	1.00	0.90	1.32	0.71
1950	0.41	1.37	1.56	1.33	1.30	0.78
1951	0.26	1.47	0.40	1.06	1.58	0.93
1952	0.42	1.45	0.38	1.30	1.46	0.98
1953	0.14	1.27	0.61	1.40	1.40	0.98
1954	0.09	1.28	0.86	1.41	1.50	0.99
1955	0.15	1.00	0.40	1.44	1.51	1.03
1956	0.29	1.16	0.36	1.60	1.41	0.99
1957 6/	0.25	1.01	0.46	1.61	1.53	0.91

1/ Includes imports of some herring for the years prior to 1950.

2/ Includes imports of bonito and yellowtail for the years prior to 1949. Exports were not available for the same years.

3/ Imports and frozen inventories not available prior to 1939.

4/ Frozen inventories not available prior to 1939. Weight based on uncooked edible meat.

5/ Exports not available.

6/ Preliminary.

Note:--This table was compiled from available data on domestic production, imports, and exports. In addition, inventory records of the California Fish Canners Association were used for tuna data and inventories of frozen items were used in compiling data on shrimp and groundfish and ocean perch fillets and blocks

PRICE INDEXES

WHOLESALE AVERAGE PRICES AND INDEXES FOR EDIBLE FISH AND SHELLFISH, DECEMBER, 1957

Group, Subgroup, and Item Specification	Point of Pricing	Unit	Avg. Prices 1/ ($)		Indexes (1947-49=100)			
			Dec. 1957	Nov. 1957	Dec. 1957	Nov. 1957	Oct. 1957	Dec. 1956
All Fish & Shellfish (Fresh, Frozen, and Canned)					126.6	121.2	119.3	116.1
Fresh & Frozen Fishery Products:					144.8	136.1	133.1	126.6
Drawn, Dressed, or Whole Finfish:					144.2	130.8	134.3	118.6
Haddock, lge., offshore, drawn, fresh	Boston	lb.	.20	.14	206.5	142.4	118.0	92.7
Halibut, West., 20/30 lbs., drsd., fresh or frozen	New York	lb.	.31	.31	96.9	96.4	109.6	108.3
Salmon, king, lge. & med., drsd., fresh or frozen	New York	lb.	.61	.64	136.0	143.8	162.9	143.8
Whitefish, L. Superior, drawn, fresh	Chicago	lb.	.59	.58	146.3	142.5	158.7	151.2
Whitefish, L. Erie pound or gill net, rnd., fresh	New York	lb.	.64	.78	128.4	156.7	197.2	143.6
Lake trout, domestic, No. 1 drawn, fresh	Chicago	lb.	.64	.74	131.1	151.6	131.1	145.4
Yellow pike, L. Michigan & Huron, rnd., fresh	New York	lb.	.48	.49	111.4	114.9	119.6	84.4
Processed, Fresh (Fish & Shellfish):					147.8	142.2	133.8	134.7
Fillets, haddock, sml., skins on, 20-lb. tins	Boston	lb.	.58	.47	195.7	158.2	132.7	103.8
Shrimp, lge, (26-30 count), headless, fresh	New York	lb.	.89	.88	140.6	138.3	122.5	129.6
Oysters, shucked, standards	Norfolk	gal.	6.00	5.88	148.5	145.4	148.5	148.5
Processed, Frozen (Fish & Shellfish):					129.7	125.1	119.2	118.2
Fillets: Flounder, skinless, 1-lb. pkg	Boston	lb.	.40	.39	103.4	100.8	100.8	103.4
Haddock, sml., skins on, 1-lb. pkg	Boston	lb.	.38	.33	117.7	103.6	89.5	87.9
Ocean perch, skins on, 1-lb. pkg	Boston	lb.	.29	.28	114.8	110.8	108.8	110.8
Shrimp, lge. (26-30 count) 5-lb. pkg.	Chicago	lb.	.84	.84	128.8	130.0	128.1	126.0
Canned Fishery Products:					100.8	100.0	99.7	101.2
Salmon, pink, No. 1 tall (16 oz.), 48 cans/cs	Seattle	case	22.65	22.65	120.0	120.0	120.0	120.0
Tuna, lt. meat, chunk, No. 1/2 tuna (6-1/2 oz.), 48 cans/cs	Los Angeles	case	11.50	11.50	82.9	82.9	82.6	80.8
Sardines, California, tom. pack, No. 1 oval (15 oz.), 48 cans/cs.	Los Angeles	case	9.60	8.60	112.0	100.4	99.2	105.0
Sardines, Maine, keyless oil, No. 1/4 drawn (3-1/4 oz.), 100 cans/cs.	New York	case	6.35	6.45	67.6	68.6	68.7	81.9

1/ Represent average prices for one day (Monday or Tuesday) during the week in which the 15th of the month occurs. These prices are published as indicators of movement and not necessarily absolute level. Daily Market News Service "Fishery Products Reports" should be referred to for actual prices.

MANUFACTURED FISHERY PRODUCTS

CANNED PACK

Packs of canned salmon, Pacific sardines, anchovies and shrimp were down sharply in 1957 compared with the previous year. Production of canned tuna and fish for pet food and bait, however, reached new highs of 11,891,000 and 7,130,000 standard cases respectively. There were increases in the production of canned Maine sardines, Pacific and jack mackerel, crabmeat, and whole and minced clams. The pack of canned fishery products totaled nearly 987 million pounds, valued at 335 million dollars to the packers -- an increase of 1 percent in volume compared with the previous year, but a decline of 4 percent in value.

PACK OF CERTAIN CANNED PRODUCTS, 1957 AND 1956

Item	Pounds Per Case	1957	1956	Record Pack	
	Number	Thousand Standard Cases	Thousand Standard Cases	Year	Thousand Standard Cases
Tuna	(1)	11,891	11,827	1957	11,891
Salmon	48	3,185	3,505	1936	8,965
Sardines:					
Maine	20.3	2,266	2,231	1950	3,844
Pacific	45	498	755	1950	5,071
Mackerel and jack mackerel	45	1,327	1,116	1947	1,755
Anchovies	31.25	440	612	1953	1,062
Crabmeat	19.5	155	125	1948	221
Oysters	14	499	465	1937	760
Shrimp	15	602	909	1937	1,435
Clams:					
Whole and minced	15	654	512	1957	654
Chowder	30	1,218	1,291	1953	1,293
Squid	48	261	323	-	-
Pet food and bait	48	7,130	6,688	1957	7,130
Other	various	863	603	-	-
Total	-	30,989	30,962	-	-

1/ Solid, 21 pounds; chunk, 19.5 pounds; and flake and grated, 18 pounds.

Note:--Includes the production of tuna canned in American Samoa, Hawaii, and Puerto Rico.

PRODUCTION OF CANNED FISHERY PRODUCTS, VARIOUS YEARS

Year	For Human Consumption		For Animal Food and Bait		Total
	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Dollars
1936	756,593	93,759	12,980	805	94,564
1940	646,130	92,192	35,064	1,990	94,182
1948	718,665	329,210	63,543	6,971	336,181
1949	762,291	286,841	92,724	8,663	295,504
1950	836,485	317,464	130,630	13,871	331,335
1951	688,105	289,534	112,410	11,676	301,210
1952	647,322	290,161	167,891	15,668	305,829
1953	605,894	289,526	186,300	17,348	306,874
1954	669,315	312,598	193,314	18,420	331,018
1955	588,078	274,967	256,941	28,198	303,165
1956	657,642	316,082	321,777	33,434	349,516
1957 1/	644,682	301,064	342,255	33,702	334,766

1/ Preliminary.

MANUFACTURED FISHERY PRODUCTS - Continued

FISH MEAL, OIL, AND SOLUBLES

A total of 262,463 tons of fish meal was produced in the United States and Territories during 1957 -- nearly 33,000 tons less than in 1956 which was the year in which the largest production of fish meal ever occurred. For the first year since 1951 the domestic production of fish meal failed to exceed that of the previous year due mainly to a 20 percent drop in the catch of menhaden. However, menhaden was still the major fishery contributing to the reduction industry and accounted for 66 percent of the fish meal production. The yield of tuna and mackerel and Pacific sardine meal in 1957 also was less than manufactured in 1956.

There were 20.1 million gallons of fish and fish-liver oils produced in the United States and Alaska in 1957 -- a decrease of 25 percent compared with 1956 and only half the record production of 39.9 million gallons manufactured in 1936. Compared with the previous year only slight fluctuations occurred in the yield of oil from sardines, herring, tuna and mackerel. The principal reason for the overall decrease was a falling off in the production of menhaden oil (down 6.6 million gallons)

The yield of homogenized-condensed fish (56.8 million pounds) and fish solubles (187.8 million pounds) were both 5 percent less than in 1956. Production was reported by 44 firms in the United States.

PRODUCTION OF FISH MEAL, OIL, AND SOLUBLES, 1957 AND 1956

Product	Unit	1957	1956	Record	
				Year	Quantity
Meal:					
Menhaden	Tons	172,388	210,582	1956	210,582
Sardine, Pacific	do	1,474	2,809	1936	121,739
Herring:					
Alaska	do	7,824	7,810	1937	18,816
Maine	do	4,958	3,488	1952	6,665
Tuna and mackerel	do	25,716	26,266	1956	26,266
Other	do	50,103	44,402	-	-
Total	do	262,463	295,357	1956	295,357
Oil:					
Menhaden	Gallons	15,797,919	22,428,082	1956	22,428,082
Sardine, Pacific	do	87,495	337,351	1936	26,131,439
Herring	do	1,697,447	1,824,156	1937	5,623,045
Tuna and mackerel	do	738,279	705,316	1950	884,434
Other	do	1,823,111	1,571,758	-	-
Total	do	20,144,251	26,866,663	1936	39,901,818
Homogenized-condensed fish	Pounds	56,786,000	59,576,000	1956	59,576,000
Fish solubles	do	187,760,362	198,081,479	1956	198,081,479

FISH STICKS

The United States production of fish sticks in 1957 amounted to 52.4 million pounds valued at 22.4 million dollars to the processors. This production was only slightly less than the 52.8 million pounds produced in 1956. Precooked fish sticks (46.6 million pounds) accounted for 89 percent of the 1957 production while uncooked sticks (5.8 million pounds) accounted for the remaining 11 percent.

During the year, 27 of the 43 producing firms in the United States were located in the Atlantic Coast States and manufactured 43.3 million pounds of fish sticks. Five plants, located in the interior of the country and in the Gulf States, produced 4.9 million pounds while the remaining production was accounted for by 11 firms situated in the Pacific Coast States.

UNITED STATES PRODUCTION OF FISH STICKS, 1957

Month	Cooked	Uncooked	Total	
	Thousand Pounds	Thousand Pounds	Thousand Pounds	Thousand Dollars
January	3,781	423	4,204	(1)
February	4,687	502	5,189	(1)
March	4,703	387	5,090	(1)
April	4,024	411	4,435	(1)
May	2,971	351	3,322	(1)
June	3,118	346	3,464	(1)
July	3,362	401	3,763	(1)
August	4,118	467	4,585	(1)
September	4,272	531	4,803	(1)
October	4,249	855	5,104	(1)
November	3,860	660	4,520	(1)
December	3,456	499	3,955	(1)
Total	46,601	5,833	52,434	22,393

1/ Not available.

Note:--Cooked fish sticks were valued at 20,411 thousand dollars; uncooked at 1,982 thousand dollars.

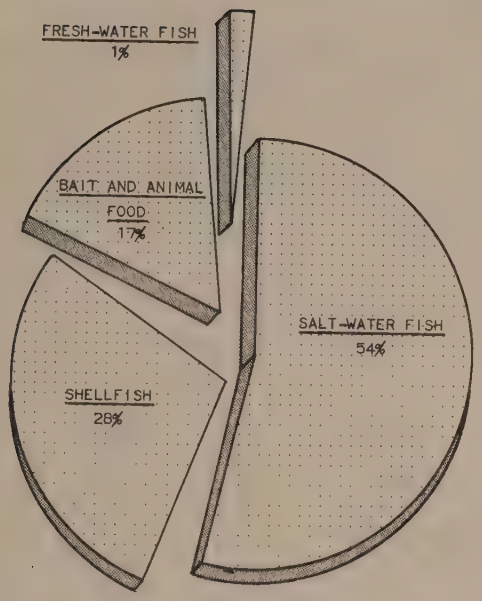
PRODUCTION OF FISH STICKS, BY AREAS, 1957 AND 1956

Area	1957		1956 1/	
	Firms	Thousand Pounds	Firms	Thousand Pounds
Atlantic Coast States	27	43,299	28	42,415
Interior and Gulf States	5	4,853	9	6,520
Pacific Coast States	11	4,282	11	3,883
Total	43	52,434	48	52,818

1/ Revised.

FROZEN FISH

PRODUCTION OF FROZEN FISH, 1957



The 1957 production of frozen fish and shellfish in the United States and Alaska by firms reporting to the U. S. Fish and Wildlife Service totaled 314.2 million pounds. Of this amount, salt-water fish comprised 54 percent; shellfish, 28 percent; bait and animal food from both fresh- and salt-water fish, 17 percent; and fresh-water fish, the remaining 1 percent.

Freezings of fillets, steaks, and blocks from salt-water species totaled 57.6 million pounds during 1957. It is estimated that a catch of approximately 509.3 million pounds of fish and shellfish was required to produce the 314.2 million pounds of round, dressed, and drawn fish, fish fillets, and packaged shellfish frozen during 1957.

FREEZINGS AND HOLDINGS OF FISH AND SHELLFISH, 1957 AND 1956

Item	1957	1956	Record	
	Thousand Pounds	Thousand Pounds	Year	Thousand Pounds
Freezings:				
Leading items:				
Bait and animal food	51,950	46,652	1957	51,950
Fillets and steaks:				
Ocean perch	25,949	36,886	1951	71,400
Haddock	12,026	14,499	1950	25,224
Other	18,101	21,530	-	-
Round, dressed, etc.:				
Whiting	35,703	25,964	1951	45,520
Halibut	28,084	34,051	1954	35,241
Salmon	10,119	16,500	1945	30,009
Other	43,097	53,363	-	-
Shellfish:				
Shrimp	74,029	65,104	1957	74,029
Other	15,100	10,415	-	-
Total, all fishery products	314,158	324,964	1951	325,504
High month	(Aug.) 43,047	(Aug.) 43,824	-	-
Low month	(Jan.) 12,182	(Jan.) 12,694	-	-
Holdings:				
High month	(Oct.) 206,660	(Oct.) 200,838	-	-
Low month	(Apr.) 117,976	(Apr.) 122,741	-	-

MANUFACTURED FISHERY PRODUCTS - Continued

PRODUCTION OF PACKAGED FISH, 1957

Item	Fresh		Frozen		Total	
	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Fillets 1/ . .	55,028	19,135	87,662	22,290	142,690	41,425
Steaks	212	90	11,014	4,926	11,226	5,016
Total. . . .	55,240	19,225	98,676	27,216	153,916	46,441

1/ Includes a small amount of split "butterfly".

VALUE OF MANUFACTURED FISHERY PRODUCTS AT PROCESSOR'S LEVEL, 1957

Item	Thousand Dollars	Percent of Total
Canned products.	334,766	50.2
Packaged shellfish	1/ 170,000	25.5
Byproducts	81,060	12.1
Packaged fish.	46,441	7.0
Cured fish	1/ 35,000	5.2
Total	667,267	100.0

1/ Estimated.

PRODUCTION OF FISHERY BYPRODUCTS, VARIOUS YEARS

Year	Fish Meal	Fish 1/ Solubles	Marine-animal Oils	Value of Fish Meal, Oil, and Solubles	Shell Products	Other by-products	Grand Total
	Tons	Thousand Pounds	Thousand Gallons	Thousand Dollars	Thousand Dollars	Thousand Dollars	Thousand Dollars
1936	243,778	-	*39,902	23,025	10,554	1,390	34,969
1940	193,244	-	24,816	19,859	9,369	1,326	30,554
1948	199,544	47,589	17,084	56,393	16,509	6,964	79,866
1949	237,180	103,343	17,696	58,161	13,212	7,099	78,472
1950	239,954	103,726	21,764	51,188	*17,253	8,747	77,188
1951	209,756	100,728	18,172	46,126	15,129	8,058	69,313
1952	221,403	140,964	16,094	42,533	14,703	10,756	67,992
1953	238,851	162,988	20,294	48,387	16,592	9,393	74,372
1954	256,967	230,059	21,865	56,151	17,024	9,252	82,427
1955	264,502	221,839	24,898	57,972	14,542	10,821	83,335
1956	*295,793	*257,657	26,867	*65,128	14,513	12,096	91,737
1957 2/	262,463	244,546	20,144	55,108	14,289	11,663	81,060

1/ Includes homogenized-condensed fish.

2/ Preliminary.

* Record.

MANUFACTURED FISHERY PRODUCTS - Continued

PLANTS PRODUCING CANNED FISHERY PRODUCTS AND BYPRODUCTS, 1957

State and Area	Canned Products	Byproducts	Total Plants Exclusive of Duplication
	Number	Number	Number
New England:			
Maine	47	14	57
Massachusetts	7	8	14
Connecticut	1	1	2
Rhode Island	1	1	2
Total	56	24	75
Middle Atlantic:			
New York	8	4	12
New Jersey	11	17	28
Pennsylvania	7	4	11
Delaware	1	3	4
Total	27	28	55
Chesapeake Bay:			
Maryland	3	7	9
Virginia	9	15	22
Total	12	22	31
South Atlantic and Gulf:			
North Carolina	7	19	21
South Carolina	3	1	4
Georgia	1	2	3
Florida	4	5	9
Alabama	3	1	4
Mississippi	18	7	25
Louisiana	28	32	57
Texas	-	4	4
Total	64	71	127
Great Lakes and Mississippi River:			
Illinois	1	-	1
Iowa	-	9	9
Michigan	1	-	1
Minnesota	-	1	1
Missouri	-	1	1
Ohio	2	-	2
Wisconsin	1	-	1
Total	5	11	16
Pacific Coast:			
Washington	63	15	77
Oregon	16	4	18
California	38	34	49
Total	117	53	144
Alaska	91	7	98
Puerto Rico	1	1	1
Hawaii	1	-	1
American Samoa	1	1	1
Grand Total	375	218	549

VALUE OF INDUSTRY AND CAPITAL INVESTMENTS

ESTIMATED VALUES OF FISHERY PRODUCTS AT VARIOUS LEVELS, 1957 AND 1956

Level	1957 1/	1956 2/
	Thousand Dollars	Thousand Dollars
Producer (fishermen)	351,000	369,018
Processor	592,000	622,000
Wholesaler	836,000	879,000
Retailer	1,091,000	1,147,000

1/ Preliminary. 2/ Revised

Note:--Includes import excess of fishery products at processor, wholesaler, and retailer levels for which no values are given at the producer level.

ESTIMATE OF CAPITAL INVESTMENT IN COMMERCIAL FISHERIES, 1957

Item	Accrued Value
	Thousand Dollars
Producers:	
Fishing craft	*390,000
Nets and other gear	* 81,600
Freezing and processing plants	*233,350
Wholesale fish house 1/	*209,260
Retail fish dealers, chain stores, etc. 1/	*104,780

1/ Capital investment devoted to fish trade.

* Record.

ESTIMATE OF CAPITAL VALUATION OF FISHING INDUSTRIES, 1957

Under accepted principles of evaluation among businessmen, the commercial fishery resources of the United States in 1957 had the following values:

Item	Thousand Dollars
To fishermen and boat owners	6,581,250
To manufacturers and processors 1/	1,479.500
To wholesalers of fishery products 1/	1,150,000
To retailers of fishery products 1/	2,183,000
Total	11,393,750

1/ Includes import excess of fishery products for which no values are given at the producer level.

Note:--If the United States had no fishery resources, these amounts would have to be invested at 4% to maintain the 1957 earnings of the fishery industries.

AVERAGE TURNOVER OF CAPITAL INVESTMENT IN THE FISHING INDUSTRY, 1957

Group	Number of times capital investment is turned over annually
Fishermen	1.0
Wholesalers and manufacturers 1/	4.4
Retailers 1/	15.0

1/ Portion of capital devoted to fish trade.

FOREIGN TRADE

IMPORTS

IMPORTANT FISHERY IMPORTS, 1957 AND 1956

Item	1957 1/		1956	
	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Edible fishery products:				
Fresh and frozen:				
Whether or not whole (except fillets):				
Whitefish	12,062	4,359	10,761	3,918
Halibut	17,609	4,736	15,027	4,171
Salmon	15,677	5,698	12,940	5,427
Sea herring	11,497	242	9,026	225
Smelt	4,565	951	5,309	1,116
Swordfish	6,868	2,535	6,659	2,341
Tuna:				
Albacore	65,209	8,873	40,229	6,598
Other	74,078	7,892	80,011	8,739
Fillets, steaks, etc.:				
Groundfish and ocean perch (including blocks)	140,679	27,417	135,295	25,987
Other	63,301	21,725	60,274	19,933
Lobster and spiny lobster	50,399	36,780	47,742	34,285
Shrimp and prawn	69,732	35,462	68,618	32,986
Canned:				
Anchovies, in oil	6,092	2,865	5,923	2,802
Salmon	24,401	9,470	28,802	11,650
Sardines in oil	20,159	8,348	18,581	7,001
Sardines and herring, not in oil	14,396	3,086	10,460	2,498
Tuna:				
In oil	1,068	346	586	226
In brine	43,167	16,589	37,629	14,772
Tunalike fishes:				
Bonito and yellowtail:				
In oil	11,608	2,907	10,409	2,672
In brine	3,905	756	3,210	622
Crabmeat	6,185	6,254	5,640	5,318
Lobster and spiny lobster	3,271	5,017	3,424	5,031
Pickled or Salted:				
Cod, haddock, hake, pollock, and cusk	44,922	7,613	48,498	8,040
Herring	30,633	3,689	29,400	3,487
Nonedible fishery products:				
Scrap and meal	162,000	9,716	180,000	11,518

1/ Preliminary

IMPORTS OF FISHERY PRODUCTS, VARIOUS YEARS

Year	Edible Products		Nonedible Products	Total
	Thousand Pounds	Thousand Dollars	Thousand Dollars	Thousand Dollars
1935	324,732	27,535	8,697	36,232
1940	302,518	29,073	12,757	41,830
1945	404,768	76,434	24,820	101,254
1950	639,725	158,414	39,882	198,296
1951	646,668	158,363	54,094	212,457
1952	705,118	183,127	57,308	240,429
1953	726,194	195,869	49,611	245,480
1954	803,389	203,645	48,687	252,332
1955	771,012	208,051	49,896	257,947
1956	787,866	233,166	48,031	281,197

FOREIGN TRADE - Continued

EXPORTS

MORE IMPORTANT FISHERY EXPORTS, 1957 AND 1956

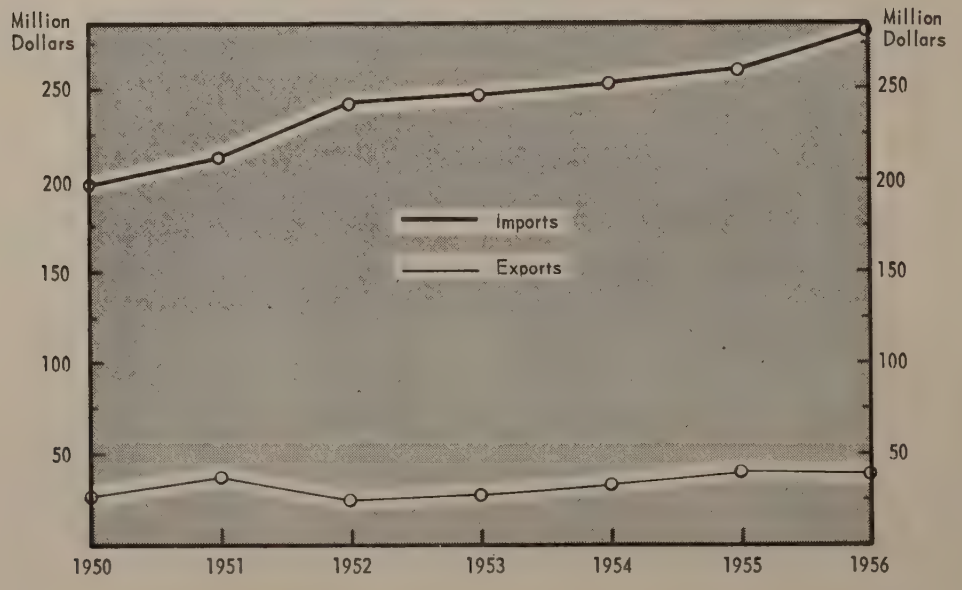
Item	1957		1956	
	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Canned:				
Salmon	6,688	4,740	5,213	3,606
Sardines:				
In oil	543	191	229	84
Not in oil	14,922	2,654	39,445	6,417
Mackerel	17,044	2,146	2,374	335
Fish oil, inedible	114,818	10,725	140,804	12,883

1/ Preliminary.

EXPORTS OF FISHERY PRODUCTS, VARIOUS YEARS

Year	Edible Products		Nonedible Products	Total
	Thousand Pounds	Thousand Dollars	Thousand Dollars	Thousand Dollars
1935	119,687	12,875	1,499	14,374
1940	144,804	17,115	670	17,785
1945	136,013	30,903	7,655	38,558
1950	121,623	18,856	8,618	27,474
1951	165,624	27,072	8,659	35,731
1952	62,056	15,511	6,436	21,947
1953	69,308	17,084	10,794	27,878
1954	62,724	16,238	15,289	31,527
1955	109,750	24,923	15,054	39,977
1956	101,918	22,939	16,564	39,503

VALUE OF FOREIGN FISHERY TRADE, 1950 - 1956



FOREIGN TRADE - Continued

CUSTOM DUTIES

IMPORTS: VALUE, DUTIES COLLECTED, AND AD VALOREM EQUIVALENT, 1936-1956

Year	Value		Duties Collected		Average Ad valorem Equivalent	
	Fishery Imports	All Imports	Fishery Imports	All Imports	Fishery Imports	All Imports
	Thousand Dollars	Thousand Dollars	Thousand Dollars	Thousand Dollars	Percent	Percent
1936	41,873	2,423,977	6,545	386,812	15.6	16.0
1937	50,636	3,009,852	8,254	486,357	16.3	16.2
1938	39,307	1,949,624	5,701	359,187	14.5	18.4
1939	45,999	2,276,099	6,015	318,837	13.1	14.0
1940	41,830	2,540,656	4,772	348,591	11.4	13.7
1941	40,981	3,221,954	3,888	391,870	9.5	12.2
1942	39,568	2,769,285	2,714	388,948	6.9	14.0
1943	67,183	3,389,951	3,523	324,291	5.2	9.6
1944	78,418	3,877,895	4,386	431,252	5.6	11.1
1945	101,254	4,086,017	6,979	354,776	6.9	8.6
1946	129,713	4,824,902	8,047	435,475	6.2	9.0
1947	109,975	5,666,321	6,895	494,078	6.3	8.7
1948	156,648	7,092,032	8,694	421,723	5.6	5.9
1949	151,614	6,591,640	7,560	384,485	5.0	5.8
1950	198,296	8,743,082	12,484	422,650	6.3	4.8
1951	212,457	10,817,341	10,346	624,008	4.9	5.8
1952	240,429	10,747,497	11,982	551,696	5.0	5.1
1953	245,480	10,777,426	14,026	612,619	5.7	5.7
1954	252,332	10,239,521	14,405	566,610	5.7	5.5
1955	257,947	11,384,401	14,530	611,160	5.6	5.4
1956	281,197	12,615,419	15,504	710,792	5.5	5.6

U. S. CUSTOMS RECEIPTS FROM IMPORTS OF AQUATIC PRODUCTS
BY COMMODITY DESCRIPTIONS FOR FISCAL YEAR 1956 1/

Commodity Description	Value
Canned products:	
Anchovies, in oil	$456,544
Bonito and yellowtail, in oil	422,984
Crabmeat	1,239,264
Salmon	1,302,473
Sardines:	
In oil	1,333,822
Not in oil 2/	132,455
Total	1,466,277
Tuna:	
In oil	86,563
Not in oil	1,855,010
Total	1,941,573
Groundfish fillets	3,148,192
Fresh-water fish, fresh or frozen whole, dressed or fillets	386,774
Pickled or salted	372,067
Marine-animal and liver oils	214,115
Sponges	108,149
Buttons - pearl or shell	1,166,811
Pearls	410,287
Agar-agar	111,417
Other	2,421,424
Total	15,168,351

1/ Preliminary.

2/ Includes herring.

Note:--Important free items; frozen tuna, shrimp, fish meal, lobsters.

FOREIGN TRADE - Continued

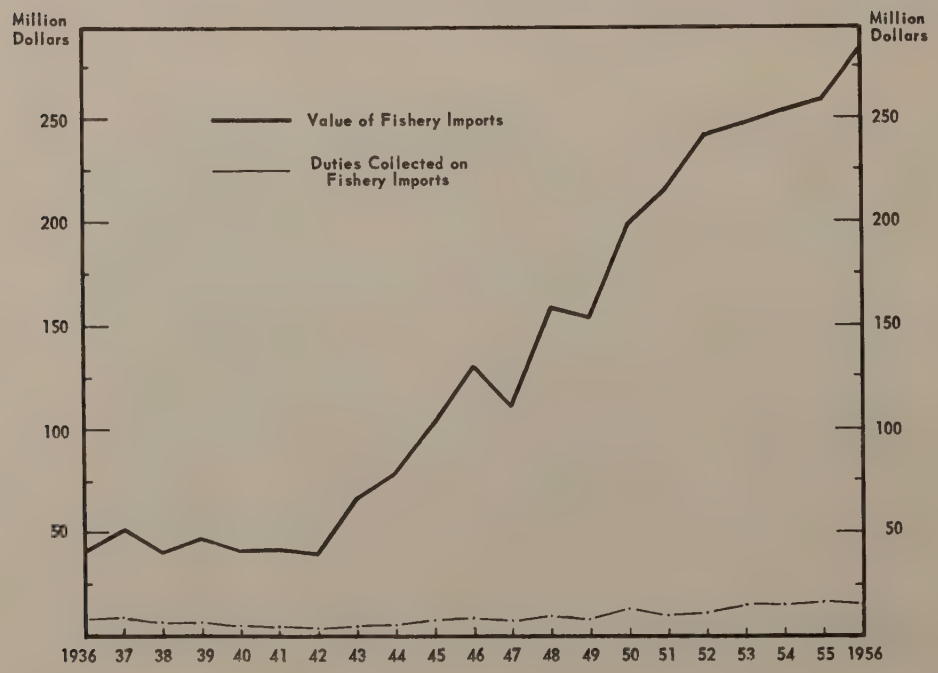
CUSTOM DUTIES - Continued

UNITED STATES CUSTOMS RECEIPTS FROM AQUATIC PRODUCTS FOR CALENDAR YEAR 1956 1/

Tariff Paragraph	Item	Value
5	Chemical compounds, elements, and salts.	$18,719
34	Drugs.	110,132
41	Agar-agar, glue, isinglass	130,314
52	Animal and fish fats, greases and oils, n.s.p.f.	124,942
60	Perfume materials - ambergris.	3,425
66	Colors, paints - pearl essence	6,807
717	Fish, fresh or frozen, whole or beheaded or eviscerated or both, and bone, divided into portions, filleted, etc., including cod, cusk, haddock, hake, pollock, ocean perch, shad, sturgeon, and other fresh-water fish.	4,792,068
718	Fish, prepared or preserved in any manner, if packed in oil or in oil and other substance; anchovies, pollock, sardines, tuna, herring, etc.	6,154,840
719	Fish, pickled or salted.	374,539
720	Fish, kippered or smoked (except such type fish in cans).	144,492
721	Crabmeat, fresh, frozen and canned; canned clams and clam juice; fish paste and sauce; caviar and other fish roe; canned oysters.	1,518,218
1509	Buttons - pearl or shell	967,476
1519	Dressed furs, sealskins.	1,456
1528	Pearls	432,709
1530	Aquatic hides, skins, leather.	275,802
1531	Reptile leather, n.s.p.f.	232,945
1537	Manufacture of seagrass, whalebone	300
1540	Eelgrass, moss, seagrass, and seaweeds	19,846
1545	Sponges.	108,699
1558	Frog legs.	86,108
	Total	15,503,837

1/ Preliminary.

VALUE OF FISHERY IMPORTS AND DUTIES COLLECTED, 1936 - 1956

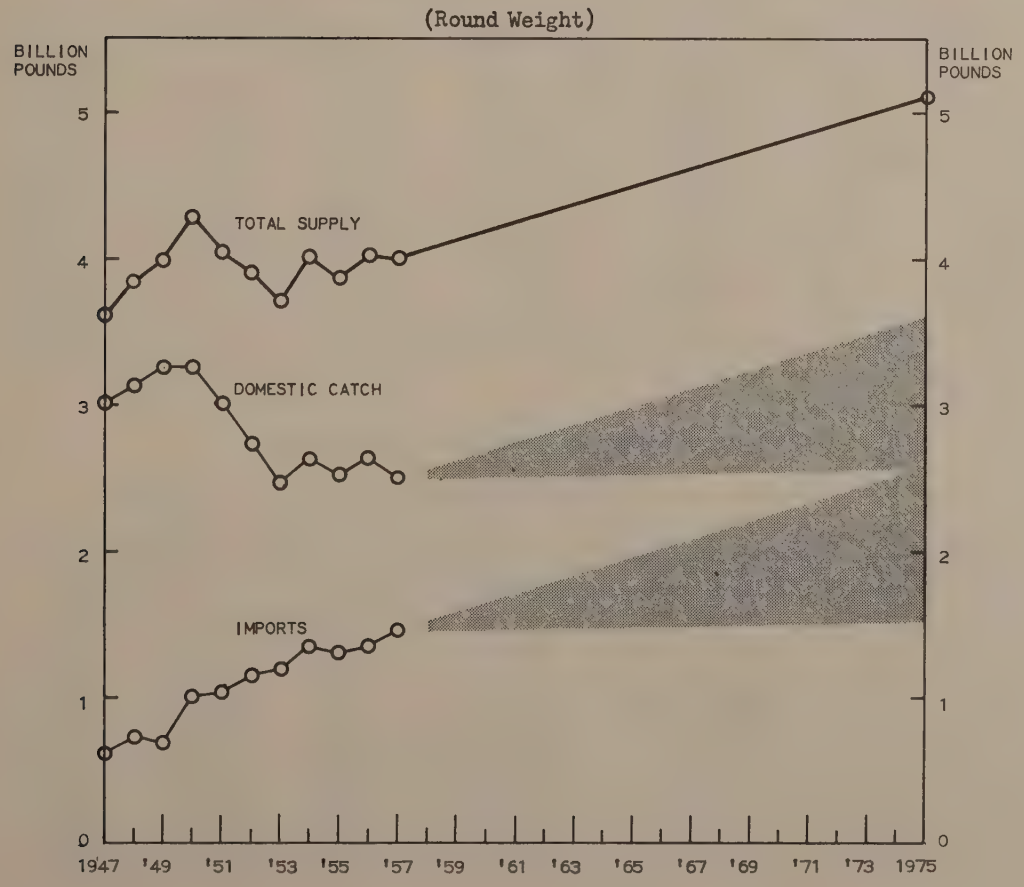


SUPPLIES OF CERTAIN FISHERY PRODUCTS

The tables in this section contain information on the domestic catch and imports and, in cases where they are significant, exports of the more important fishery products. Stocks have not been considered in figuring the total supply -- so supply cannot be considered synonymous with consumption.

The graph, entitled "United States Supply of Edible Fishery Products, 1947-1957, and Estimated Requirements, 1958-1975" was prepared by assuming that the total supply for 1957 could be projected through 1975, allowing for population increases. The population in 1957 was estimated to be 170,490,000 and 217,900,000 in 1975. The 1975 population, estimate of 217,900,000 is an average of several estimates made by the Bureau of the Census in "Population Estimates, Series P-25, No. 123."

United States Supply of Edible Fishery Products, 1947-1957, and Estimated Requirements, 1958-1975



SUPPLIES OF CERTAIN FISHERY PRODUCTS - Continued

U. S. SUPPLY OF FISHERY PRODUCTS, 1947-1957

(Round weight basis)

Year	Domestic Catch		Imports 1/		Total
	Million Pounds	Percent	Million Pounds	Percent	Million Pounds
1947	4,337	85.9	710	14.1	5,047
1948	4,499	80.0	1,128	20.0	5,627
1949	4,789	79.5	1,237	20.5	6,026
1950	4,885	74.8	1,646	25.2	6,531
1951	4,414	65.5	2,324	34.5	6,738
1952	4,418	58.0	3,204	42.0	7,622
1953	4,468	63.9	2,528	36.1	6,996
1954	4,742	62.6	2,829	37.4	7,571
1955	4,794	67.5	2,303	32.5	7,097
1956	5,252	69.7	2,285	30.3	7,537
1957 2/	4,750	67.4	2,298	32.6	7,048

1/ Excludes imports of cured cod into Puerto Rico.
2/ Preliminary.

U. S. SUPPLY OF EDIBLE FISHERY PRODUCTS, 1947 - 1957

(Round weight basis)

Year	Domestic Catch		Imports 1/		Total
	Million Pounds	Percent	Million Pounds	Percent	Million Pounds
1947	3,008	82.8	625	17.2	3,633
1948	3,132	81.4	717	18.6	3,849
1949	3,290	82.1	715	17.9	4,005
1950	3,291	76.6	1,008	23.4	4,299
1951	3,029	74.5	1,039	25.5	4,068
1952	2,764	70.3	1,169	29.7	3,933
1953	2,500	67.3	1,213	32.7	3,713
1954	2,685	66.2	1,369	33.8	4,054
1955	2,564	66.0	1,323	34.0	3,887
1956	2,674	65.9	1,385	34.1	4,059
1957 2/	2,520	62.9	1,486	37.1	4,006

1/ Excludes imports of cured cod into Puerto Rico.
2/ Preliminary.

U. S. SUPPLY OF NON-EDIBLE FISHERY PRODUCTS, 1947-1957

(Round weight basis)

Year	Domestic Catch		Imports		Total
	Million Pounds	Percent	Million Pounds	Percent	Million Pounds
1947	1,329	94.0	85	6.0	1,414
1948	1,367	76.9	411	23.1	1,778
1949	1,499	74.2	522	25.8	2,021
1950	1,594	71.4	638	28.6	2,232
1951	1,385	51.9	1,285	48.1	2,670
1952	1,654	44.8	2,035	55.2	3,689
1953	1,968	60.0	1,315	40.0	3,283
1954	2,057	58.5	1,460	41.5	3,517
1955	2,230	69.5	980	30.5	3,210
1956	2,578	74.1	900	25.9	3,478
1957 1/	2,230	73.3	812	26.7	3,042

1/ Preliminary.

SUPPLIES OF CERTAIN FISHERY PRODUCTS - Continued

SUPPLY OF GROUNDFISH AND ATLANTIC OCEAN PERCH FILLETS, VARIOUS YEARS

Year	U. S. Production		Imports 1/		Total
	Thousand Pounds	Percent of Total	Thousand Pounds	Percent of Total	Thousand Pounds
1939	99,456	91.0	9,892	9.0	109,348
1948	137,758	72.0	53,565	28.0	191,323
1949	140,078	74.6	47,777	25.4	187,855
1950	136,572	67.3	66,468	32.7	203,040
1951	*148,786	62.8	88,196	37.2	236,982
1952	132,642	55.1	108,008	44.9	240,650
1953	112,280	55.1	91,571	44.9	203,851
1954	122,385	47.1	137,625	52.9	260,010
1955	105,033	44.7	130,068	55.3	235,101
1956	107,138	43.6	138,714	56.4	*245,852
1957 2/	96,650	40.6	*141,292	59.4	237,942

1/ Source: Bureau of Customs.
2/ Preliminary. *Record

SUPPLY OF FILLETS, STEAKS, ETC. OTHER THAN GROUNDFISH AND ATLANTIC OCEAN PERCH, VARIOUS YEARS

Year	U. S. Production		Imports		Total
	Thousand Pounds	Percent of Total	Thousand Pounds	Percent of Total	Thousand Pounds
1939	26,210	80.8	6,223	19.2	32,433
1948	51,742	79.7	13,204	20.3	64,946
1949	54,137	74.5	18,497	25.5	72,634
1950	55,859	64.0	31,445	36.0	87,304
1951	56,709	55.5	45,528	44.5	102,237
1952	*58,535	52.5	52,873	47.5	111,408
1953	48,132	48.4	51,344	51.6	99,476
1954	51,251	51.6	47,911	48.4	99,162
1955	51,922	48.4	55,223	51.6	107,145
1956	55,661	48.0	60,274	52.0	115,935
1957 1/	57,266	47.6	*63,301	52.4	*120,567

1/ Preliminary. *Record

SUPPLY OF CANNED SALMON, VARIOUS YEARS

Year	United States Pack	Percent of Total Supply	Imports	Percent of Total Supply	Total Supply	Exports	Total Available for U. S. Consumption
	Thousand Pounds	Percent	Thousand Pounds	Percent	Thousand Pounds	Thousand Pounds	Thousand Pounds
1939	287,621	99.7	928	.3	288,549	40,766	247,783
1949	265,196	99.7	917	.3	266,113	12,831	253,282
1950	206,871	99.8	419	.2	207,290	1,680	205,610
1951	222,987	99.7	568	.3	223,555	2,060	221,495
1952	214,289	95.7	9,544	4.3	223,833	1,427	222,406
1953	187,769	93.9	12,165	6.1	199,934	2,277	197,657
1954	199,810	94.6	11,371	5.4	211,181	7,227	203,954
1955	157,855	91.4	14,644	8.6	172,499	10,429	162,070
1956	168,250	85.4	28,802	14.6	197,052	5,213	191,839
1957 1/	152,875	86.2	24,401	13.8	177,276	6,688	170,588

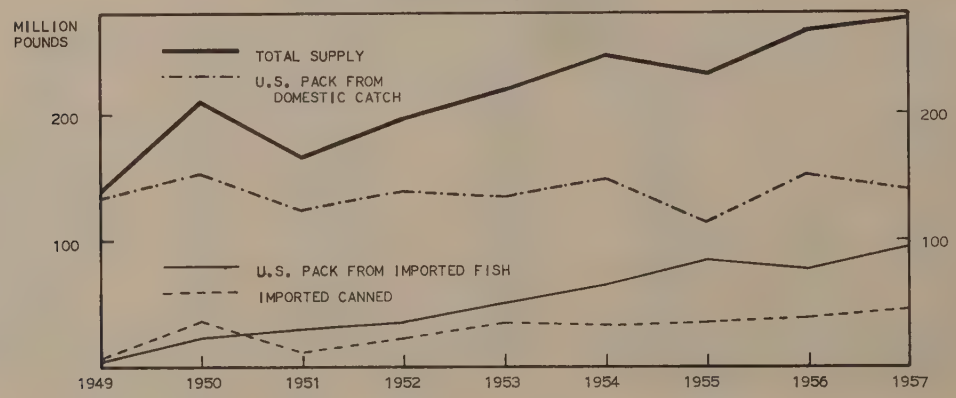
SUPPLIES OF CERTAIN FISHERY PRODUCTS - Continued

SUPPLY OF CANNED TUNA, VARIOUS YEARS

Year	U. S. Pack from Domestic Catch		U. S. Pack from Imported Fish 1/		Total	Imported Canned		Total Supply
	Thousand Pounds	Percent	Thousand Pounds	Percent	Thousand Pounds	Thousand Pounds	Percent	Thousand Pounds
1939. . . .	66,685	83.0	3,559	4.4	70,244	2/10,126	12.6	80,370
1940. . . .	80,389	89.8	1,455	1.6	81,844	2/ 7,678	8.6	89,522
1947. . . .	107,446	93.7	1,060	.9	108,506	2/ 6,148	5.4	114,654
1948. . . .	129,554	92.2	2,603	1.9	132,157	2/ 8,302	5.9	140,459
1949. . . .	134,032	93.6	4,613	3.2	138,645	4,584	3.2	143,229
1950. . . .	152,693	72.6	20,769	9.9	173,462	36,791	17.5	210,253
1951. . . .	125,816	74.7	29,549	17.6	155,365	12,971	7.7	168,336
1952. . . .	140,200	70.6	34,951	17.6	175,151	23,321	11.8	198,472
1953. . . .	135,908	61.8	49,570	22.5	185,478	34,592	15.7	220,070
1954. . . .	148,842	60.9	64,166	26.2	213,008	31,589	12.9	244,597
1955. . . .	113,441	48.9	82,971	35.8	196,412	35,563	15.3	231,975
1956. . . .	152,444	56.9	77,031	28.8	229,445	38,215	14.3	267,660
1957 3/ . .	139,658	50.5	92,786	33.5	232,444	44,235	16.0	276,679

1/ Includes pack canned in American Samoa.
2/ Includes bonito and yellowtail.
3/ Preliminary.

SUPPLY OF CANNED TUNA, 1949-1957



SUPPLY OF CANNED BONITO AND YELLOWTAIL, VARIOUS YEARS

Year	United States Pack		Imports				Total Supply	
			In Oil	In Brine	Total			
	Thousand Pounds	Percent	Thousand Pounds	Thousand Pounds	Thousand Pounds	Percent	Thousand Pounds	Percent
1939. . . .	4,744	(1)	(2)	(2)	(2)	(1)	(1)	(1)
1940. . . .	4,049	(1)	(2)	(2)	(2)	(1)	(1)	(1)
1949. . . .	3,056	27.5	3/8,054	(3)	8,054	72.5	11,110	100.0
1950. . . .	1,332	14.1	3/8,135	(3)	8,135	85.9	9,467	100.0
1951. . . .	1,961	15.8	3/10,437	(3)	10,437	84.2	12,398	100.0
1952. . . .	4,266	23.6	3/13,812	(3)	13,812	76.4	18,078	100.0
1953. . . .	3,226	24.0	3/10,242	(3)	10,242	76.0	13,468	100.0
1954. . . .	1,446	8.6	12,996	2,375	15,371	91.4	16,817	100.0
1955. . . .	88	.6	11,725	3,589	15,314	99.4	15,402	100.0
1956. . . .	125	.9	10,409	3,210	13,619	99.1	13,744	100.0
1957 4/ . .	232	1.5	11,606	3,906	15,512	98.5	15,744	100.0

1/ Data not available.
2/ Prior to 1948 imports of bonito and yellowtail were included with those of tuna.
3/ Data on the pack in brine have been included with the pack in oil.
4/ Preliminary.

SUPPLIES OF CERTAIN FISHERY PRODUCTS - Continued

CATCH AND IMPORTS OF TUNA, VARIOUS YEARS

Year	United States Catch 1/	Imports		
		Fresh & Frozen (Round weight Basis) 2/	Canned	
			In Oil	In Brine
	Thousand Pounds	Thousand Pounds	Thousand Pounds	Thousand Pounds
1939	172,246	6,947	3/ 10,126	-
1940	206,037	3,066	3/ 7,678	-
1949	333,707	9,936	4,505	79
1950	391,454	43,538	36,410	381
1951	318,912	59,114	3,619	9,352
1952	322,694	69,456	4,288	19,033
1953	302,804	95,928	4,712	29,880
1954	322,696	125,685	1,111	30,478
1955	270,366	154,229	818	34,745
1956	329,482	137,168	586	37,629
1957 4/	297,100	166,930	1,069	43,166

1/ Does not include Hawaii or Puerto Rico.
2/ Includes imports of cooked loins and discs.
3/ Prior to 1948 imports of bonito and yellowtail were included with those of tuna.
4/ Preliminary.

SUPPLY OF CANNED SARDINES, VARIOUS YEARS

Year	U. S. Production		Imports 1/		Exports		Total Supply Available For U. S. Consumption
	Maine	Pacific	In Oil	Not in Oil	In Oil	Not in Oil	
	Thousand Pounds	Thousand Pounds	Thousand Pounds	Thousand Pounds	Thousand Pounds	Thousand Pounds	Thousand Pounds
1939	55,262	149,188	31,657	9,877	(2)	2/52,813	193,171
1949	62,413	169,569	16,207	6,816	(2)	2/106,841	148,164
1950	78,037	228,186	22,573	9,912	(2)	2/102,321	236,387
1951	34,038	128,924	19,324	9,965	(2)	2/126,661	65,590
1952	71,677	4,803	20,887	10,095	3,250	36,620	67,592
1953	56,485	2,862	23,094	34,271	773	9,184	106,755
1954	59,579	59,969	22,294	22,957	816	16,441	147,542
1955	25,758	63,657	20,930	9,886	1,179	45,431	73,621
1956	45,298	33,963	18,581	10,460	229	39,445	68,628
1957 3/	46,007	22,399	20,159	14,396	543	14,922	87,496

1/ Includes herring.
2/ Data on Sardines canned in oil has been combined with canned Sardines not in oil.
3/ Preliminary.

SUPPLY OF CANNED SARDINES OBTAINED FROM DOMESTIC PACK AND IMPORTS, VARIOUS YEARS

Year	United States Pack 1/	Percent of Total Supply	Imports	Percent of Total Supply	Total Supply
	Thousand Pounds	Percent	Thousand Pounds	Percent	Thousand Pounds
1939	204,450	83.1	41,534	16.9	245,984
1949	231,982	91.0	23,023	9.0	255,005
1950	306,223	90.4	32,485	9.6	338,708
1951	162,962	84.8	29,289	15.2	192,251
1952	76,480	71.2	30,982	28.8	107,462
1953	59,347	50.8	57,365	49.2	116.712
1954	119,548	72.5	45,251	27.5	164,799
1955	89,415	74.4	30,816	25.6	120,231
1956	79,261	73.2	29,041	26.8	108,302
1957 2/	68,406	66.4	34,555	33.6	102,961

1/ Includes the pack of Maine and Pacific Sardines.
2/ Preliminary.

SUPPLIES OF CERTAIN FISHERY PRODUCTS - Continued

SUPPLY OF FRESH AND FROZEN SPINY LOBSTERS, VARIOUS YEARS

Year	United States Catch 1/	Imports 2/	Total Supply
	Thousand Pounds	Thousand Pounds	Thousand Pounds
1939	1,649	3,491	5,140
1940	1,560	3,696	5,256
1950	2,493	12,927	15,420
1951	3,922	14,758	18,680
1952	2,419	15,813	18,232
1953	2,745	19,942	22,687
1954	2,849	19,760	22,609
1955	3,154	22,479	25,633
1956	3,849	25,258	29,107
1957 3/	*4,500	*28,181	*32,681

1/ Round weight.
2/ Imported weight, consisting largely of tails.
3/ Preliminary. *Record

SUPPLY OF FRESH AND FROZEN NORTHERN LOBSTERS, VARIOUS YEARS

Year	United States Catch				Imports		Total Supply
	Maine	Other States	Total	Percent of Total	Total	Percent of Total	
	Thousand Pounds	Thousand Pounds	Thousand Pounds	Percent	Thousand Pounds	Percent	Thousand Pounds
1939	7,571	4,414	11,985	51	11,546	49	23,531
1940	7,643	4,119	11,762	46	13,576	54	25,338
1950	18,352	4,846	23,198	51	22,046	49	45,244
1951	20,760	5,186	25,946	52	*23,558	48	49,504
1952	20,036	4,995	25,031	52	23,197	48	48,228
1953	22,300	5,815	28,115	55	22,610	45	50,725
1954	21,668	5,813	27,481	55	22,468	45	49,949
1955	22,718	6,236	28,954	56	22,962	44	51,916
1956	20,572	5,948	26,520	54	22,484	46	49,004
1957 1/	24,403	6,000	*30,403	58	22,218	42	*52,621

1/ Preliminary.
* Record.

SUPPLY OF SHRIMP, VARIOUS YEARS

Year	United States Catch			Imports		Total
	Heads on	Heads off 1/	Percent of Total	Heads off	Percent of Total	Heads off
	Thousand Pounds	Thousand Pounds	Percent	Thousand Pounds	Percent	Thousand Pounds
1939	150,250	89,399	96	3,984	4	93,383
1948	167,000	99,365	82	21,563	18	120,928
1949	175,000	104,125	78	29,673	22	133,798
1950	191,474	113,927	74	40,198	26	154,125
1951	224,316	133,468	76	41,824	24	175,292
1952	227,221	135,196	78	38,471	22	173,667
1953	260,357	154,912	78	43,100	22	198,012
1954	*268,334	159,659	79	41,519	21	201,178
1955	244,335	145,379	73	53,772	27	199,151
1956	224,173	133,383	66	68,618	34	*202,001
1957 2/	204,400	121,618	64	*69,732	36	191,350

1/ Converted to heads-off weight by multiplying by .595 percent.
2/ Preliminary.
* Record.

SUPPLIES OF CERTAIN FISHERY PRODUCTS - Continued

SUPPLY OF CANNED CRABMEAT, VARIOUS YEARS

Year	United States Pack	Percent of Total Supply	Imports	Percent of Total Supply	Total Supply	Exports	Total Available for U. S. Consumption
	Thousand Pounds	Percent	Thousand Pounds	Percent	Thousand Pounds	Thousand Pounds	Thousand Pounds
1939	640	4.5	*13,507	95.5	*14,147	-	14,147
1948	*4,306	76.3	1,337	23.7	5,643	73	5,570
1949	3,156	57.8	2,307	42.2	5,463	113	5,350
1950	2,675	39.7	4,070	60.3	6,745	20	6,725
1951	2,924	59.8	1,968	40.2	4,892	47	4,845
1952	1,678	44.7	2,080	55.3	3,758	33	3,725
1953	2,240	36.0	3,983	64.0	6,223	20	6,203
1954	2,973	50.9	2,867	49.1	5,840	19	5,821
1955	1,932	28.1	4,951	71.9	6,883	19	6,864
1956	2,431	30.2	5,640	69.8	8,071	17	8,054
1957 1/	3,013	32.7	6,184	67.3	9,197	(2)	(2)

1/ Preliminary.
2/ Data not available.
* Record.

SUPPLY OF FISH OILS, VARIOUS YEARS

Year	U. S. Production	Percent of Total Supply	Imports	Percent of Total Supply	Total Supply	Exports 1/	Total Available for U. S. Consumption
	Thousand Gallons	Percent	Thousand Gallons	Percent	Thousand Gallons	Thousand Gallons	Thousand Gallons
1936	*39,902	76.1	12,508	23.9	*52,410	287	*52,123
1939	35,752	75.5	11,612	24.5	47,364	303	47,061
1949	17,695	74.3	6,126	25.7	23,821	5,182	18,639
1950	21,764	69.2	9,701	30.8	31,465	10,183	21,282
1951	18,072	61.8	11,184	38.2	29,256	6,706	22,550
1952	16,094	59.4	10,986	40.6	27,080	5,888	21,192
1953	20,294	68.5	9,312	31.5	29,606	14,498	15,108
1954	21,865	76.4	6,748	23.6	28,613	18,910	9,703
1955	24,781	68.5	11,857	31.5	36,638	*19,072	17,566
1956	26,867	74.3	9,250	25.7	36,117	18,773	17,344
1957 2/	20,144	71.6	7,949	28.4	28,093	15,309	12,784

1/ Exports have been converted from pounds to gallons by dividing by 7.5.
2/ Preliminary.
* Record.

SUPPLY OF FISH MEAL, VARIOUS YEARS

Year	U. S. Production		Imports		Total
	Tons	Percent	Tons	Percent	Tons
1939. . .	226,102	78.6	61,401	21.4	287,503
1949. . .	237,180	82.0	52,183	18.0	289,363
1950. . .	239,954	79.0	63,855	21.0	303,809
1951. . .	209,756	62.0	128,478	38.0	338,234
1952. . .	221,403	52.1	*203,539	47.9	*424,942
1953. . .	238,851	64.5	131,473	35.5	370,324
1954. . .	256,956	63.8	145,777	36.2	402,733
1955. . .	264,297	72.9	98,003	27.1	362,300
1956. . .	295,793	76.4	90,421	23.6	386,214
1957 1/ .	262,463	76.3	81,309	23.7	343,772

1/ Preliminary.
* Record.

WORLD FISHERIES

The world catch of fishery products totaled 64.7 billion pounds in 1956. Japan led all other countries, with 10.5 billion pounds. The United States (including Alaska), with a record catch of 6.5 billion pounds, was in second place, followed by China (Mainland), the Union of Soviet Socialist Republics, and Norway. These five countries accounted for over half of the world catch.

Fishermen in Europe and Asia, including the U. S. S. R. accounted for more than 75 percent of the catch. The fisheries of the North American Continent yielded 14 percent of the total.

Fishes in the herring family (herring, sardines, anchovies, etc.) accounted for a catch of 15.4 billion pounds, the cod family (cods, hakes, haddocks, etc.) comprised 10.8 billion pounds, and fresh-water fishes amounted to 6.8 billion pounds.

The data contained in the following tables were taken from the Yearbook of Fishery Statistics, 1955-1956, Volume VI, Food and Agriculture Organization of the United Nations. Since world fishery statistics published by this organization represent the live weight of the catch of fishery products, which includes the shell weight of mollusks, the United States catch as shown is approximately 23 percent greater than the catch figure appearing elsewhere in this publication. This increase is due to the inclusion of the weights of the shells of univalve and bivalve mollusks in the Food and Agriculture Organization figure.

WORLD CATCH OF FISH, CRUSTACEANS, MOLLUSKS, ETC. - BY COUNTRIES, 1956

(Round Weight)

Country	Million Pounds	Percent
Japan	10,500	16.2
United States and Alaska	6,472	10.0
China (Mainland)	5,820	9.0
U. S. S. R.	5,769	8.9
Norway	4,693	7.3
Canada	2,374	3.7
United Kingdom	2,316	3.6
India	2,232	3.5
Germany, Federal Republic	1,699	2.6
Spain	1,651	2.6
Indonesia (1955)	1,436	2.2
France	1,186	1.8
Iceland	1,140	1.8
Portugal	1,039	1.6
Denmark	1,021	1.6
Angola	927	1.4
Philippines	917	1.4
North Korea (goal)	844	1.3
South Korea	752	1.2
Netherlands	657	1.0
Union of South Africa	633	1.0
Pakistan	611	.9
South West Africa	591	.9
Peru	551	.9
Italy	482	.7
Thailand	480	.7
Sweden	434	.7
China (Taiwan)	426	.7
Chile	415	.6
Other	6,593	10.2
Total	64,661	100.0

Note:--The catch figures are intended to refer to either catches or landings of all aquatic animals (except baleen and sperm whales), plants, and residues from both commercial and subsistence fishing.

WORLD FISHERIES - Continued

WORLD CATCH OF FISH, CRUSTACEANS, MOLLUSKS, ETC. - BY CONTINENTS, 1956

(Round Weight)

Continents	Million Pounds	Percent
Africa	3,990	6.2
North America	9,215	14.3
South America	1,764	2.7
Asia (excluding U. S. S. R.)	26,080	40.3
Europe (excluding U. S. S. R.)	17,571	27.2
Oceania	265	.4
U. S. S. R. 1/	5,776	8.9
Total	64,661	100.0

1/ It is not certain to what extent the catch data represent the round weight and may refer to unconverted landings figures.

WORLD CATCH OF FISH, CRUSTACEANS, MOLLUSKS, ETC. - BY MAJOR FISHING AREAS, 1956

(Round Weight)

Area	Billion Pounds	Percent
Marine Fisheries:		
Northern Hemisphere areas	43.6	67.4
Tropical areas	11.0	17.0
Southern Hemisphere areas	3.3	5.1
Total	57.9	89.5
Fresh-water Fisheries:		
Africa	.8	1.2
North America	.3	.5
South America	.1	.2
Asia (excluding U. S. S. R.)	3.9	6.0
Europe (excluding U. S. S. R.)	.2	.3
Oceania	(1)	-
U. S. S. R. 2/	1.5	2.3
Total	6.8	10.5
Grand Total	64.7	100.0

1/ Negligible.

2/ It is not certain to what extent the catch data represent the round weight and may refer to unconverted landings figures.

ESTIMATED USE OF THE WORLD FISH CATCH, 1956

(Round Weight)

Manner Used	Billion Pounds	Percent
Marketed fresh	27.2	42.0
Frozen	4.9	7.6
Cured	15.7	24.3
Canned	5.7	8.8
Reduced to meal, oil, etc. 1/	9.0	13.9
Miscellaneous purposes	2.2	3.4
Total	64.7	100.0

1/ Includes only whole fish destined for the manufacture of oil and meal.

WORLD FISHERIES - Continued

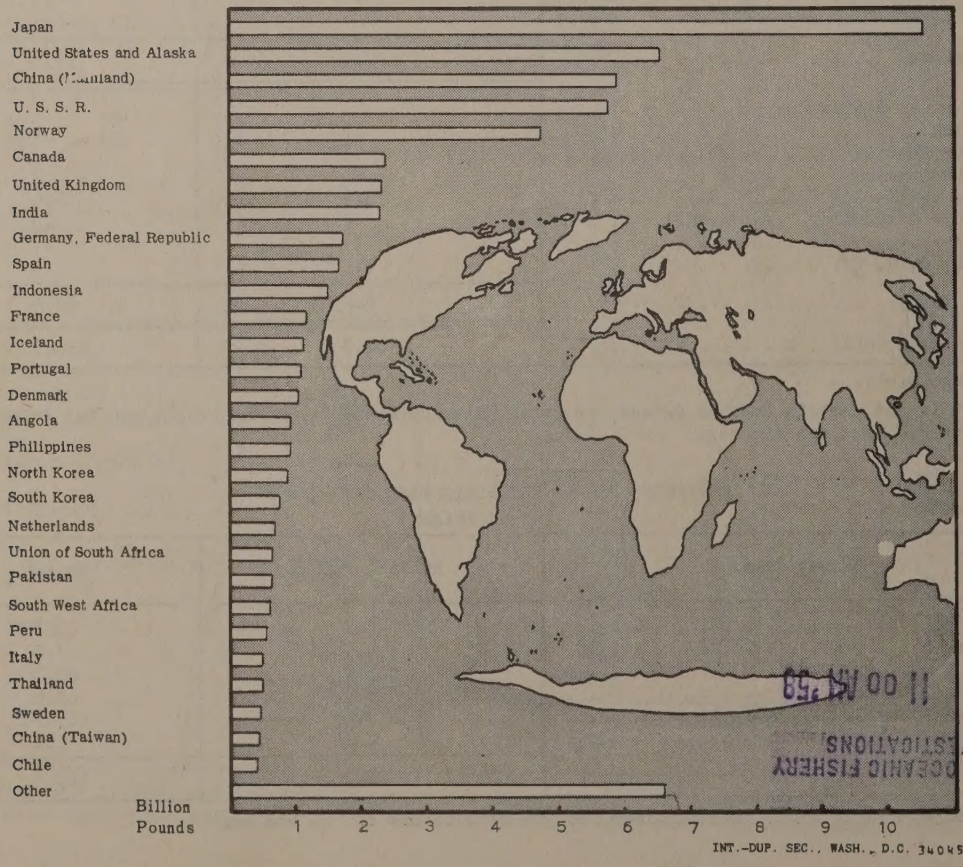
WORLD CATCH OF FISH, CRUSTACEANS, MOLLUSKS, ETC. - BY SPECIES GROUPS, 1956

(Round Weight)

Species Groups	Million Pounds
Fresh-water fishes	6,768
Salmons, trouts, smelts, etc.	1,521
Flounders, halibuts, soles, etc.	1,411
Cods, hakes, haddocks, etc.	10,758
Herrings, sardines, anchovies, etc.	15,410
Tunas, bonitos, mackerels, etc.	3,770
Miscellaneous marine teleosteans	6,019
Sharks, rays, etc.	617
Mixed and unidentified fishes	11,552
Crustaceans	1,720
Mollusks	4,079
Aquatic animals, n.e.s.	154
Aquatic plants	882
Total	64,661

Note:--Data include all aquatic mammals (except baleen and sperm whales) and the commercial and subsistence catch of teleostean species (bony fishes), elasmobranchs (sharks, rays), ganoids (sturgeon, gars), crustaceans, mollusks, and other aquatic animals and plants.

WORLD CATCH OF FISH, CRUSTACEANS, MOLLUSKS, ETC., BY COUNTRIES, 1956



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